

## Parkinson Disease Protein 7 (PARK7) Recombinant Protein | PARK7 recombinant protein

Recombinant Parkinson Disease Protein 7 (PARK7)

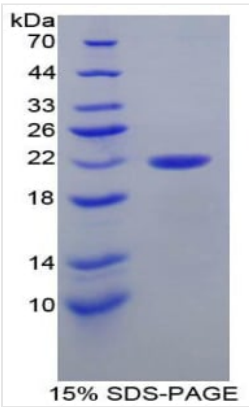
|                               |                       |                                           |
|-------------------------------|-----------------------|-------------------------------------------|
| CATALOG #<br><b>AAA134278</b> | HOST<br><b>E.coli</b> | REACTIVITY<br><b>Homo sapiens (Human)</b> |
|-------------------------------|-----------------------|-------------------------------------------|

### PRODUCT SYNONYMS

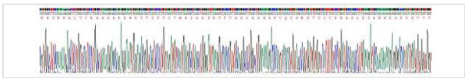
Parkinson Disease Protein 7 (PARK7); Recombinant Parkinson Disease Protein 7 (PARK7); PARK7 recombinant protein

### PRODUCT SPECIFICATIONS

|                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                        | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Reactivity                  | Homo sapiens (Human)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Purity/Purification         | > 90%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Form/Format                 | PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Concentration               | Original Concentration: 2000ug/mL (varies by lot)                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Sequence                    | MASKRALVIL AKGAEEMETV IPVDVMRRAG IKVTVAGLAG KDPVQCSRDV VICPDASLED AKKEGPYDVV<br>VLPGGNLGAQ NLSESAIVKE ILKEQENRKG LIAAICAGPT ALLAHEIGFG SKVTTHPLAK DKMMNGGHYT<br>YSENRVEKDG LILTSRPGPT SFEFALAIVE ALNGKEVAAQ VKAPLVLKD                                                                                                                                                                                                                                                                                                         |
| Source                      | Prokaryotic expression                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Residues                    | Met1~Asp189                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Tags                        | N-terminal His Tag                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Subcellular Location        | Nucleus, Cytoplasm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Traits                      | Freeze-dried powder                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Predicted isoelectric point | 6.5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Usage                       | Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Preparation and Storage     | <b>Storage:</b><br>Avoid repeated freeze/thaw cycles.<br>Store at 2-8 degree C for one month.<br>Aliquot and store at -80 degree C for 12 months.<br><br><b>Stability Test:</b><br>The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |



Sequence



SDS-PAGE

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                       |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 183227678                                                                                                                             |
| NCBI GeneID                      | 11315                                                                                                                                 |
| NCBI Accession #                 | NP_001116849.1                                                                                                                        |
| NCBI GenBank Nucleotide #        | NM_001123377.1                                                                                                                        |
| UniProt Accession #              | Q99497; O14805; Q6DR95; Q7LFU2; B2R4Z1                                                                                                |
| Molecular Weight                 | Predicted Molecular Mass: 21.1kDa<br>Accurate Molecular Mass: 22kDa as determined by SDS-PAGE reducing conditions.                    |
| NCBI Official Full Name          | protein DJ-1                                                                                                                          |
| NCBI Official Synonym Full Names | parkinson protein 7                                                                                                                   |
| NCBI Official Symbol             | PARK7                                                                                                                                 |
| NCBI Official Synonym Symbols    | DJ1; DJ-1; HEL-S-67p                                                                                                                  |
| NCBI Protein Information         | protein DJ-1; oncogene DJ1; epididymis secretory sperm binding protein Li 67p; Parkinson disease (autosomal recessive, early onset) 7 |
| UniProt Protein Name             | Protein DJ-1                                                                                                                          |
| UniProt Gene Name                | PARK7                                                                                                                                 |
| UniProt Entry Name               | PARK7_HUMAN                                                                                                                           |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/park7-recombinant-protein-e-coli/134278>