

## ATP5ME recombinant protein

Recombinant Human ATP5ME Protein, N-His-SUMO

|                               |                       |                                                      |
|-------------------------------|-----------------------|------------------------------------------------------|
| CATALOG #<br><b>AAA120648</b> | HOST<br><b>E coli</b> | APPLICATIONS<br><b>ELISA, Western Blot, SDS-Page</b> |
|-------------------------------|-----------------------|------------------------------------------------------|

### PRODUCT SYNONYMS

ATP5ME; Recombinant Human ATP5ME Protein; N-His-SUMO; ATP5K; ATPase subunit e; ATP synthase subunit e; mitochondrial; ATP synthase membrane subunit e; ATP5I; ATP5ME recombinant protein

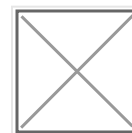
### PRODUCT SPECIFICATIONS

|                                                        |                                                                                                                                                              |
|--------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                                   | E coli                                                                                                                                                       |
| Purity/Purification                                    | >90% as determined by SDS-PAGE                                                                                                                               |
| Form/Format                                            | Lyophilized from a solution in PBS pH7.4, 0.02% NLS, 1mM EDTA, 4% Trehalose, 1% Mannitol.                                                                    |
| Sequence Positions                                     | Val2-Lys69                                                                                                                                                   |
| Sequence Length                                        | Val2-Lys69                                                                                                                                                   |
| Applicable Applications for ATP5ME recombinant protein | ELISA, WB (Western Blot), SDS-PAGE                                                                                                                           |
| Species                                                | Human                                                                                                                                                        |
| Reconstitution                                         | Reconstitute in sterile water for a stock solution.                                                                                                          |
| Protein Length                                         | Val2-Lys69                                                                                                                                                   |
| Nature                                                 | Recombinant                                                                                                                                                  |
| Preparation and Storage                                | Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2-8°C for one week. Store at -20 °C for twelve months from the date of receipt. |

### IMAGES



SDS-PAGE  
SDS-PAGE for Recombinant Human ATP5ME protein



SDS-PAGE  
SDS-PAGE for Recombinant Human ATP5ME protein

### ADDITIONAL INFORMATION

|                                                          |                      |
|----------------------------------------------------------|----------------------|
| Product Categories/Family for ATP5ME recombinant protein | Recombinant Proteins |
|----------------------------------------------------------|----------------------|

### NCBI AND UNIPROT INFORMATION

|                  |             |
|------------------|-------------|
| NCBI GI #        | 6005717     |
| NCBI GeneID      | 521         |
| NCBI Accession # | NP_009031.1 |

|                                  |                                                                                                                                                                                                       |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GenBank Nucleotide #        | NM_007100.3                                                                                                                                                                                           |
| UniProt Accession #              | P56385; Q0D2L9                                                                                                                                                                                        |
| Molecular Weight                 | Predicted: 20.14 kDa                                                                                                                                                                                  |
| NCBI Official Full Name          | ATP synthase subunit e, mitochondrial                                                                                                                                                                 |
| NCBI Official Synonym Full Names | ATP synthase, H+ transporting, mitochondrial Fo complex, subunit E                                                                                                                                    |
| NCBI Official Symbol             | ATP5I                                                                                                                                                                                                 |
| NCBI Official Synonym Symbols    | ATP5K                                                                                                                                                                                                 |
| NCBI Protein Information         | ATP synthase subunit e, mitochondrial; ATPase subunit e; ATP synthase e chain, mitochondrial; F1F0-ATP synthase, murine e subunit; ATP synthase, H+ transporting, mitochondrial F0 complex, subunit E |
| UniProt Protein Name             | ATP synthase subunit e, mitochondrial                                                                                                                                                                 |
| UniProt Gene Name                | ATP5I                                                                                                                                                                                                 |
| UniProt Synonym Gene Names       | ATP5K; ATPase subunit e                                                                                                                                                                               |
| UniProt Entry Name               | ATP5I_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/atp5i-recombinant-protein-e-coli-elisa-wb-western-blot-sds-page/120648>