

## 2',5'-Oligoadenylate Synthetase 1 (OAS1) Recombinant Protein | OAS1 recombinant protein

Recombinant 2',5'-Oligoadenylate Synthetase 1 (OAS1)

|                               |                       |                                               |
|-------------------------------|-----------------------|-----------------------------------------------|
| CATALOG #<br><b>AAA153539</b> | HOST<br><b>E coli</b> | APPLICATIONS<br><b>Western Blot, SDS-Page</b> |
|-------------------------------|-----------------------|-----------------------------------------------|

### PRODUCT SYNONYMS

2'; 5'-Oligoadenylate Synthetase 1 (OAS1); Recombinant 2'; 5'-Oligoadenylate Synthetase 1; OAS1 recombinant protein (prokaryotic); Mouse; 2; 5OAS1; 25-OAS1; OAS1; IFI-4; OIAS; OIASI; E18/E16; OAS1 recombinant protein

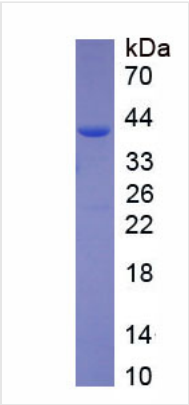
### PRODUCT SPECIFICATIONS

|                                                      |                                                                                                              |
|------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| Host                                                 | E coli                                                                                                       |
| Purity/Purification                                  | Greater than 90% by SDS-PAGE                                                                                 |
| Form/Format                                          | PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.<br>Freeze-dried powder                                       |
| Sequence Positions                                   | Asp149~Leu367                                                                                                |
| Applicable Applications for OAS1 recombinant protein | WB (Western Blot), SDS-PAGE, Immunogen, Positive Control                                                     |
| Expression System                                    | Prokaryotic expression                                                                                       |
| Species                                              | Mouse                                                                                                        |
| Tag                                                  | Two N-terminals, His-tag and SUMO-tag                                                                        |
| Endotoxin Level                                      | <1.0EU per 1ug (determined by the LAL method)                                                                |
| Isoelectric Point                                    | 7.4                                                                                                          |
| Subcellular Location                                 | Nucleus, Cytoplasm                                                                                           |
| Research Area                                        | Enzyme & Kinase                                                                                              |
| Preparation and Storage                              | Store at 2-8 degree C for one month, -80 degree C for 12 months<br>Stable for 12 months if correctly stored. |

IMAGES

DVLPADFVLGHVNTSSKPDPRYAIUEECTSLGKDGFEFTCTELQRFNKQRPTKLSLRLVK  
HWYQLCKEKLKPLPPQYALELLTVFAWEQNGGCYFNTAQGFRTVLELVINYQHLRIYWTK  
YYDFQHQEVSKYLHRQLRKARPVILDADPTGNVAGNPEGWRRLAEADVWLWYPCFIK  
KDGSRVSSWDVPTVVPFPEQVEENWTCILL

Amino Acid Info



SDS-PAGE  
Figure. SDS-PAGE

ADDITIONAL INFORMATION

|                                                        |                      |
|--------------------------------------------------------|----------------------|
| Product Categories/Family for OAS1 recombinant protein | Prokaryotic proteins |
|--------------------------------------------------------|----------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                     |
|----------------------------------|-----------------------------------------------------|
| NCBI GI #                        | 281332108                                           |
| NCBI GeneID                      | 246730                                              |
| NCBI Accession #                 | NP_660212.2                                         |
| NCBI GenBank Nucleotide #        | NM_145211.2                                         |
| UniProt Accession #              | P11928; Q3UEC1; Q64440; Q91VI0; F2Z419              |
| Molecular Weight                 | 42,429 Da                                           |
| NCBI Official Full Name          | 2'-5'-oligoadenylate synthase 1A                    |
| NCBI Official Synonym Full Names | 2'-5' oligoadenylate synthetase 1A                  |
| NCBI Official Symbol             | Oas1a                                               |
| NCBI Official Synonym Symbols    | L3                                                  |
| NCBI Protein Information         | 2'-5'-oligoadenylate synthase 1A                    |
| UniProt Protein Name             | 2'-5'-oligoadenylate synthase 1A                    |
| UniProt Gene Name                | Oas1a                                               |
| UniProt Synonym Gene Names       | Oias1; (2-5')oligo(A) synthase 1A; 2-5A synthase 1A |
| UniProt Entry Name               | OAS1A_MOUSE                                         |

**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/oas1a-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/153539>