

Recombinant Rat Oas1a protein, His & T7-tagged

Cat. No. Oas1a-7996R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Oas1a aa. (Ala139~Leu358 (Accession # Q05961)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Ala139~Leu358
Form	Freeze-dried powder
Molecular Mass	33kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>90%
Characteristic	The isoelectric point is 8.7.
Applications	SDS-PAGE; WB; ELISA; IP
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the

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Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

Storage Buffer

Supplied as lyophilized form in 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.

Reconstitution

Reconstitute in sterile ddH₂O.

GENE INFORMATION

Gene Name

[Oas1a 2'-5' oligoadenylate synthetase 1A \[Rattus norvegicus \(Norway rat\) \]](#)

Official Symbol

[Oas1a](#)

Synonyms

Oas1; Oas1g; (2-5')oligo(A) synthase 1; (2-5')oligo(A) synthase 1A; (2-5')oligo(A) synthetase 1; 2',5'-oligoadenylate synthetase 1, 40/46kDa; 2'-5' oligoadenylate synthetase 1G; 2'-5'-oligoadenylate synthase 1; 2'-5'-oligoadenylate synthetase 1; 2-5A synthase 1; 2-5A synthase 1A; 2-5A synthetase 1; 25 oligoadenylate synthetase; 2'-5'-oligoadenylate synthase 1A

Gene ID

[192281](#)

mRNA Refseq

[NM_138913.1](#)

Protein Refseq

[NP_620268.1](#)

UniProt ID

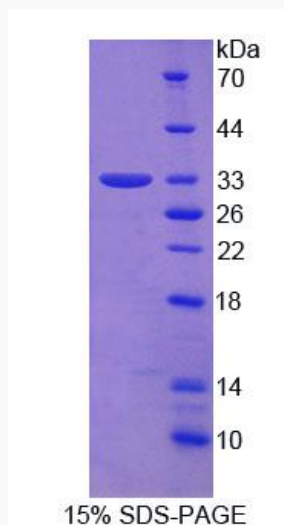
[Q05961](#)

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SDS-PAGE



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