

## Recombinant Human OAS1 protein, GST-tagged

Cat. No. OAS1-3731H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human OAS1 protein(1-351 aa), fused to GST tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-351 aa
<b>Form</b>	The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.
<b>AA Sequence</b>	MMDLRNTPAKSLDKFIEDYLLPDTCFRMQINHAIIDICGFLKERCFRGSSYPVCVSKV VKGSSGKGTTLRGRSDADLVVFLSPLTTFQDQLNRRGEFIQEIRRQLEACQRERA FSVKFEVQAPRWGNPRALSFLSSQLGEGVEFDVLPALFDALGQLTGSYKPNPQIY VKLIEECTDLQKEGEFSTCFTELQRDFLKQRPTKLKSLIRLVKHWHYQNCKKKLGLKLP QYALELLTVYAWERGSMTKTHFNQAQGFRTVLELVINYQQLCIYWTKYYDFKNPIIEKY LRRQLTKPRPVILDPADPTGNLGGDPKGWRQLAQEAELNYPCKNWDGSPVS SWILLVRPPA
<b>Purity</b>	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
<b>Storage</b>	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

**Reconstitution**

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.  
 Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

## GENE INFORMATION

**Gene Name**

OAS1 2-5-oligoadenylate synthetase 1, 40/46kDa [ Homo sapiens ]

**Official Symbol**

OAS1

**Synonyms**

OAS1; 2-5-oligoadenylate synthetase 1, 40/46kDa; 2,5 oligoadenylate synthetase 1 (40 46 kD) , OIAS; 2-5-oligoadenylate synthase 1; IFI 4; OIASI; E18/E16; p46/p42 OAS; 2-5A synthase 1; 2-5A synthetase 1; (2-5)oligo(A) synthase 1; 2,5-oligo A synthetase 1; (2-5)oligo(A) synthetase 1; 2-5-oligoisoadenylate synthetase 1; 2,5-oligoadenylate synthetase 1, 40/46kDa; 2-5 oligoadenylate synthetase 1 p48 isoform; 2-5 oligoadenylate synthetase 1 p52 isoform; OIAS; IFI-4;

**Gene ID**

4938

**mRNA Refseq**

NM\_001032409

**Protein Refseq**

NP\_001027581

**UniProt ID**

P00973

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