

Recombinant Human OAS1 protein, GST-tagged

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

SPECIFICATION

Product Overview	Recombinant Human OAS1 protein(1-351 aa), fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-351 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.
AA Sequence	MMDLRNTPAKSLDKFIEDYLLPDTCFRMQINHAIDIICGFLKERCFRGSSYPVCVSKV VKGGSSGKGTTLRGRSDADLVVFLSPLTTFQDQLNRRGEFIQEIRRQLEACQRERA FSVKFEVQAPRWGNPRALS FVLSSLQLGEGVEFDVLP AFDALGQLTGSYKPNPQIY VKLIEECTDLQKEGEFSTCFTELQRDFLKQRPTKLKSLIRLVKHWYQNCKKKLGLKLP QYALELLTVYAWERGSMKTHFNTAQGFRTVLELVINYQQLCIYWTKYYDFKNPIIEKY LRRQLTKPRPVILDPADPTGNLGGGDPKGWRQLAQEA EAWLNYPCKFNWDGSPVS SWILLVRPPA
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	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  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 µg/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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