

Recombinant Human OAS3 protein, His-tagged

Cat. No. OAS3-3742H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human OAS3 protein(1-350 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-350 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 300 mM imidazole.
AASequence	MDLYSTPAAALDRFVARRLQPRKEFVEKARRALGALAAALRERGGRLGAAAPRVLK TVKGGSSGRGTALKGGCDSELVIFLDCFKSYVDQRARRAEILSEMRASLESWWQNP VPGLRLTFPEQSVPGALQFRLTSVDLEDWMDVSLVPAFNVLGQAGSGVKPKPQVY STLLNSGCQGGEHAACFTELRRNFVNIRPAKLKNLILLVKHWYHQVCLQGLWKETLP PVYALELLTIFAWEQGCKKDAFSLAEGRLRTLGLIQHQHLCVFWTVNYGFEDPAVG QFLQRQLKRPRPVILDPADPTWDLGNGAAWHWDLLAQEAASCYDHPCFLRGMGD PVQSWKGPGLPRAGC
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months,

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reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

Reconstitution

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name OAS3 2-5-oligoadenylate synthetase 3, 100kDa [Homo sapiens]

Official Symbol OAS3

Synonyms OAS3; 2-5-oligoadenylate synthetase 3, 100kDa; 2 5 oligoadenylate synthetase 3 (100 kD); 2-5-oligoadenylate synthase 3; p100OAS; p100 OAS; 2-5A synthase 3; 2-5A synthetase 3; (2-5)oligo(A) synthase 3; (2-5)oligo(A) synthetase 3; 2-5oligoadenylate synthetase p100; p100; MGC133260;

Gene ID 4940

mRNA Refseq NM_006187

Protein Refseq NP_006178

MIM 603351

UniProt ID Q9Y6K5

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