

2'-5' Oligoadenylate Synthetase 1 Recombinant Protein | OAS1 recombinant protein

Recombinant Human 2'-5' Oligoadenylate Synthetase 1

CATALOG #
AAA38714

HOST
E Coli

PRODUCT SYNONYMS

2'-5' Oligoadenylate Synthetase 1; Recombinant Human 2'-5' Oligoadenylate Synthetase 1; OAS1 Human; 2'-5' Oligoadenylate Synthetase 1 Human Recombinant; 2'-5'-oligoadenylate synthetase 1; (2-5')oligo(A) synthetase 1; 2-5A synthetase 1; p46/p42 OAS; E18/E16; OAS1; OIAS; IFI-4; OIASI; OAS1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 95.0% as determined by SDS-PAGE.
Form/Format	The OAS1 solution contains 20mM Tris-HCl buffer (pH 8.0), 10% glycerol and 1mM DTT.
Sequence	MGSSHHH HHHSSGLVPR GSHMMD LRNTPAKSLD KFIEDYLLPD TCFRMQINHA IDIICGFLKE RCFRGSSYPV CVSKVVKGGS SGKGTTLRGR SDADLVVFLS PLTTFQDQLN RRGEFIQEIR RQLEACQRER AFSVKFEVQA PRWGNPRALS FVLSSLQLGE GVEFDVLPF DALGQLTGSY KPNPQIYVKL IIECTDLQKE GEFSTCFTEL QRDFLKQRPT KLKSLIRLVK HWYQNCKKKL GKLPQYALE LLTVYAWERG SMKTHFNTAQ GFRTVLELVI NYQQLCIYWT KYYDFKNPII EKYLRRLTK PRPVILDPAD PTGNLGGGDP KGWRQLAQEA EAWLNYPCKF NWDGSPVSSW ILLVRPPASS LPFIPAPLHE A
Sequence Length	414
Physical Appearance	Sterile Filtered colorless solution.
Preparation and Storage	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for OAS1 recombinant protein	OAS1 Human Recombinant fused with 20 amino acid His tag at N-terminus produced in E Coli is a single, non-glycosylated, polypeptide chain containing 384 amino acids (1-364 a.a.) and having a molecular mass of 43.9kDa. The OAS1 is purified by proprietary chromatographic techniques.
Product Categories/Family for OAS1 recombinant protein	Enzymes ; Synthetase

NCBI AND UNIPROT INFORMATION

NCBI GI #	74229015
NCBI GeneID	4938
NCBI Accession #	NP_001027581.1
NCBI GenBank Nucleotide #	NM_001032409.1
UniProt Accession #	P00973 ; P04820 ; P29080 ; P29081 ; P78485 ; P78486 ; Q16700 ; Q16701 ; Q1PG42 ; Q3ZM01 ; Q53GC5 ; A8K4N8
NCBI Official Full Name	2'-5'-oligoadenylate synthase 1 isoform 3
NCBI Official Synonym Full Names	2'-5'-oligoadenylate synthetase 1, 40/46kDa

NCBI Official Symbol	OAS1
NCBI Official Synonym Symbols	OIAS; IFI-4; OIASI
NCBI Protein Information	2'-5'-oligoadenylate synthase 1; (2-5')oligo(A) synthase 1; (2-5')oligo(A) synthetase 1; 2',5'-oligo A synthetase 1; 2',5'-oligoadenylate synthetase 1, 40/46kDa; 2'-5' oligoadenylate synthetase 1 p48 isoform; 2'-5' oligoadenylate synthetase 1 p52 isoform; 2'-5'-oligoisoadenylate synthetase 1; 2-5A synthase 1; 2-5A synthetase 1; E18/E16; p46/p42 OAS
UniProt Protein Name	2'-5'-oligoadenylate synthase 1
UniProt Gene Name	OAS1
UniProt Synonym Gene Names	OIAS; (2-5')oligo(A) synthase 1; 2-5A synthase 1
UniProt Entry Name	OAS1_HUMAN

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/oas1-recombinant-protein-e-coli/38714>