

# Human OAS1 Recombinant Protein



RPPB2054

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## Product Information    Protein Information

**Product SKU:**

RPPB2054

**Accession:**

P00973

**Host:**

Escherichia Coli.

**Protein description:**

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.

**Appearance:**

Sterile Filtered colorless solution.

**Synonyms:**

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.

**Formulation:**

The OAS1 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 10% glycerol and 1mM DTT.

**Purity:**

Greater than 95.0% as determined by SDS-PAGE.

**Stability:**

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.

**Amino Acid Sequence:**

MGSSHHHHHH SGLVPRGSH MMDLRNTPAK SLDKFIEDYL LPDTCFRMQI NHAIDIICGF LKERCFRGSS  
YPVCVSKVVK GGSSGKGTTL RGRSDADLVV FLSPLTTFQD QLNRRGEFIQ EIRRQLEACQ RERAFSVKFE  
VQAPRWGNPR ALSFVLSLQ LGEGVEFDVL PAFDALGQLT GSYKPNPQIY VKLIEECTDL QKEGEFSTCF  
TELQRDFLKQ RPTKCLKSLIR LVKHWYQNCK KKLGLPPQY ALELLTVYAW ERGSMKTHFN TAQGFRTVLE  
LVINYQLLCI YWTKYYDFKN PIIKYLRRQ LTKPRVILD PADPTGNLGG GDPKGWRQLA QEAEAWLNYP  
CFKNWDGSPV SSWILLVRPP ASSLPFIPAP LHEA.