

Active Recombinant Human ROR1 protein, His&GST-tagged

Cat. No. ROR1-2213H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human ROR1 protein(AAA60275.1) (Met453-Asn783) was expressed in Insect Cells, fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.
Species	Human
Source	Insect Cells
ProteinLength	453-783 aa
Form	Supplied as sterile 20mM Tris, 500mM NaCl, 2mM GSH, 3mM DTT, 10% glycerol, pH 7.4.
Molecular Mass	The recombinant human ROR1/GST chimera consists of 568 amino acids and has a calculated molecular mass of 65.3 kDa. The recombinant protein migrates approximately 63 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 90 % as determined by SDS-PAGE.
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [ROR1 receptor tyrosine kinase-like orphan receptor 1 \[Homo sapiens \]](#)

Official Symbol [ROR1](#)

Synonyms

ROR1; receptor tyrosine kinase-like orphan receptor 1; NTRKR1; tyrosine-protein kinase transmembrane receptor ROR1; neurotrophic tyrosine kinase receptor-related 1; neurotrophic tyrosine kinase, receptor-related 1; dJ537F10.1; MGC99659;

Gene ID [4919](#)

mRNA Refseq [NM_001083592](#)

Protein Refseq [NP_001077061](#)

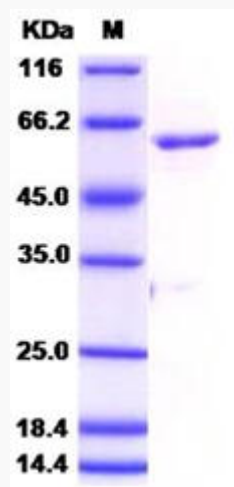
MIM [602336](#)

UniProt ID [Q01973](#)

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SDS-PAGE

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