

Active Recombinant Human ROR1 protein, His-tagged

Cat. No. ROR1-198H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human ROR1 protein(Gln 30 - Glu 403), fused with His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Gln 30 - Glu 403
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4, 10% trehalose.
Bio-activity	Immobilized Human / Cynomolgus / Rhesus macaque ROR1, His Tag at 2 µg/mL (100 µL/well) can bind Anti-ROR1 Antibody, Human IgG1 with a linear range of 0.2-2 ng/mL.
Molecular Mass	This protein carries a polyhistidine tag at the C-terminus.The protein has a calculated MW of 43.9 kDa. The protein migrates as 55-66 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE. >95% as determined by SEC-MALS.
Storage	For long term, the product should be stored at lyophilized state at -20°C or lower.Please avoid repeated freeze-thaw cycles. This product is stable after at:

 Tel: 1-631-559-9269 1-516-512-3133

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-20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.

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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