

Active Recombinant Human ROR2 protein, His-tagged

Cat. No. ROR2-313H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ROR2 protein(Glu 34 - Gly 403), fused with His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Glu 34 - Gly 403
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4, 10% trehalose.
Bio-activity	Immobilized Human ROR2, His Tag at 1 µg/mL (100 µL/well) can bind Anti-ROR2 Antibody, Human IgG1 with a linear range of 0.1-4 ng/mL.
Molecular Mass	This protein carries a polyhistidine tag at the C-terminus. The protein has a calculated MW of 43.2 kDa. The protein migrates as 55 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.
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: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile

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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 ROR2 receptor tyrosine kinase-like orphan receptor 2 [Homo sapiens]

Official Symbol ROR2

Synonyms ROR2; receptor tyrosine kinase-like orphan receptor 2; BDB, BDB1, NTRKR2; tyrosine-protein kinase transmembrane receptor ROR2; neurotrophic tyrosine kinase receptor-related 2; BDB; BDB1; NTRKR2; MGC163394;

Gene ID 4920

mRNA Refseq NM_004560

Protein Refseq NP_004551

MIM 602337

UniProt ID Q01974

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