Active Recombinant Human ROR1 protein, Fc-Avi-tagged, Biotinylated

Cat. No. ROR1-1811H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human ROR1 protein(Gln 30 - Glu 403), fused with Fc and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Gln 30 - Glu 403
Form	Lyophilized from 0.22 μm filtered solution in 50 mM Tris, 100 mM Glycine, 150 mM NaCl, pH7.5 , 10% trehalose.
Bio-activity	Immobilized Anti-ROR1 Antibody, Human IgG1 at 1 μg/mL (100 μL/well) can bind Biotinylated Human / Cynomolgus / Rhesus macaque ROR1, Fc,Avitag with a linear range of 0.2-6 ng/mL.
Molecular Mass	This protein carries a human IgG1 Fc tag at the C-terminus, followed by an Avi tag (Avitag).The protein has a calculated MW of 70.1 kDa. The protein migrates as 90-100 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.

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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 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.
Conjugation	Biotin

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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