

Active Recombinant Human ROR1 protein, Avi-tagged, Biotinylated

Cat. No. ROR1-312H Lot. No. (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human ROR1 protein(Gln 30 - Glu 403), fused with Avi 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 with trehalose as protectant.
Bio-activity	Immobilized Anti-ROR1 Antibody, Human IgG1 at 1 µg/mL (100 µL/well) can bind Biotinylated Human / Cynomolgus / Rhesus macaque ROR1, Avitag with a linear range of 0.4-13 ng/mL.
Molecular Mass	This protein carries an Avi tag (Avitag) at the C-terminusThe protein has a calculated MW of 45.2 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.
Storage	For long term, the product should be stored at lyophilized state at -20°C or

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

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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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