

Active Recombinant Human / Cynomolgus / Rhesus macaque ROR1 protein, mFc-tagged

Cat. No. ROR1-0656H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human / Cynomolgus / Rhesus macaque ROR1 protein(Gln30-Glu403), fused with mFc tag, was expressed in HEK293.
Species	Human / Cynomolgus / Rhesus macaque
Source	HEK293
ProteinLength	30-403 a.a.
Form	Lyophilized from 0.22 µm filtered solution in 50 mM Tris, 100 mM Glycine, 25 mM Arginine, 150 mM NaCl, pH7.5. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human / Cynomolgus / Rhesus macaque ROR1, Mouse IgG2a Fc Tag at 1 µg/mL (100 µL/well) can bind Anti-ROR1 Antibody, Human IgG1 Kappa with a linear range of 0.08-3 ng/mL.
Molecular Mass	This protein carries a mouse IgG2a Fc tag at the C-terminus. The protein has a calculated MW of 68.9 kDa. The protein migrates as 90-100 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Gln30-Glu403
Endotoxin	Less than 0.1 EU per µg by the LAL method.

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Purity	>95% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
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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