

Active Recombinant Human ROR1 protein, mFc-tagged

Cat. No. ROR1-2130H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ROR1 protein(NP_005003.2)(Gln 30 - Glu 403), fused with mFc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Gln 30 - Glu 403
Form	50 mM Tris, 100 mM Glycine, 25 mM Arginine, 150 mM NaCl, pH7.5
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	68.9 kDa
Endotoxin	Less than 0.1 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE.
Storage	This product is stable after storage at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.

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Reconstitution

It is recommended to reconstitute the lyophilized powder in sterile water to 100-200 ug/ml, and further dilute with other solvents. The dissolved protein can be stored at 4°C for 2-7 days and should be used up as soon as possible. If not in use for a short time, please store at -20°C.

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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