

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

Cat. No. ROR1-0658H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human / Cynomolgus / Rhesus macaque ROR1 protein(Glu39-Gly151), fused with His tag, was expressed in HEK293.
Species	Human / Cynomolgus / Rhesus macaque
Source	HEK293
ProteinLength	39-151 a.a.
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human / Cynomolgus / Rhesus macaque ROR1 (39-151, Ig-like domain), His Tag at 2 µg/mL (100 µL/well) can bind Anti-ROR1 Antibody, Human IgG1 with a linear range of 0.3-2.4 ng/mL.
Molecular Mass	This protein carries a polyhistidine tag at the C-terminus. The protein has a calculated MW of 13.7 kDa. The protein migrates as 25-32 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Glu39-Gly151
Endotoxin	Less than 0.1 EU per µg by the LAL method.

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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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