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

Cat. No. ROR1-182H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human/Cynomolgus/Rhesus macaque ROR1 protein(Q01973-1(Human) / A0A2K5WTX7(Cynomolgus) / F6RUP2(Rhesus macaque))(Gln30-Glu403) is expressed from HEK293 with His tag and Avi tag at the C-Terminus.
Species	Human/Cynomolgus/Rhesus macaque
Source	HEK293
ProteinLength	30-403 aa
Form	Lyophilized from 0.22μm filtered solution in PBS (pH 7.4).
Bio-activity	Immobilized Human/Cynomolgus/Rhesus macaque ROR1, His Tag at 1μg/ml (100μl/Well) on the plate. Dose response curve for Anti-ROR1 Antibody, hFc Tag with the EC50 of 1.4ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 44.9 kDa. Due to glycosylation, the protein migrates to 55-70 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per μg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after

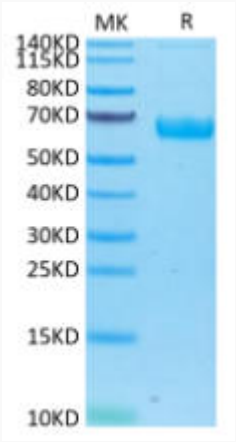
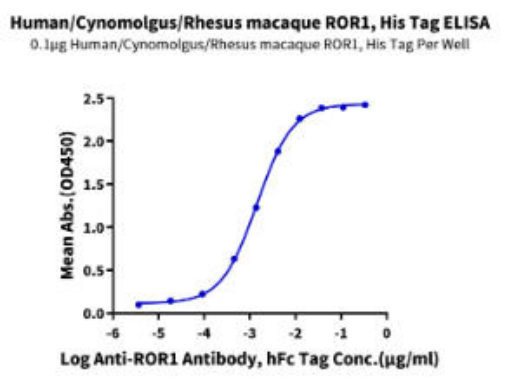
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	reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Reconstitution	Dissolve the lyophilized protein in distilled water.

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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Bis-Tris PAGE	
ELISA Data	

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