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# Datasheet for ABIN7275533 ROR1 Protein (His-Avi Tag,Biotin)

3 Images



#### Overview

Quantity:	100 µg
Target:	ROR1
Origin:	Human, Cynomolgus, Rhesus Monkey
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ROR1 protein is labelled with His-Avi Tag,Biotin.

#### Product Details

Sequence:	Gln30-Glu403
Purity:	> 95% as determined by Tris-Bis PAGE,> 95% as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.
Biological Activity Comment:	Immobilized Biotinylated Human/Cynomolgus/Rhesus macaque ROR1 at 1µg/ml (100µl/Well) on the plate. Dose response curve for Anti-ROR1 Antibody, hFc Tag with the EC50 of 7.7ng/ml determined by ELISA. See testing image for detail.

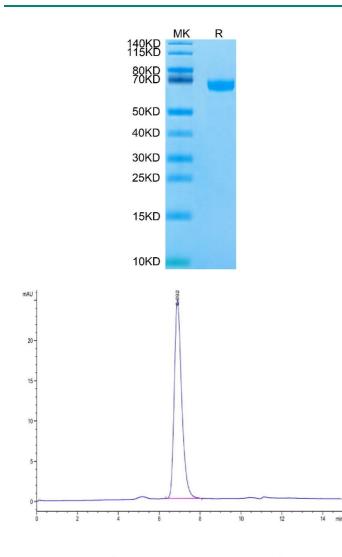
## Target Details

Target:	ROR1
Alternative Name:	ROR1 (ROR1 Products)
Background:	ROR1, NTRKR1, dJ537F10.1,ROR1 (Receptor tyrosine kinase-like orphan receptor 1), also
	known as neurotrophic tyrosine kinase receptor-related 1 (NTRKR1), is a member of the ROR

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## Target Details

Molecular Weight:	<ul> <li>family within receptor tyrosine kinases (RTK) superfamily. Two ROR family members (ROR1 and ROR2) have been identified and are characterized by the intracellular tyrosine kinase domains, highly related to those of the Trk-family receptor tyrosine kinases, and by the extracellular Frizzled-like cysteine-rich domains and kringle domains, which are common to receptors of the Wnt family members.</li> <li>44.9 kDa. Due to glycosylation, the protein migrates to 55-70 kDa based on Tris-Bis PAGE result.</li> </ul>
Pathways:	RTK Signaling, WNT Signaling, Nuclear Receptor Transcription Pathway, Steroid Hormone Mediated Signaling Pathway, Regulation of Lipid Metabolism by PPARalpha
Application Details	
Restrictions:	For Research Use only
Handling	
Format:	Lyophilized
Reconstitution:	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/mL is recommended (usually we use 1 mg/mL solution for lyophilization). Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS ( pH 7.4). Normally 5 % trehalose is added as protectant before lyophilization.
Storage:	4 °C,-80 °C
Storage Comment:	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

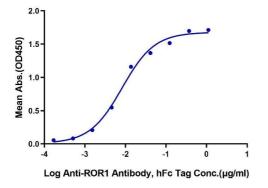


#### SDS-PAGE

**Image 1.** Biotinylated Human/Cynomolgus/Rhesus macaque ROR1 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .

Size-excl	usion	chromato	ography-Hig	h Pres	ssure	Liquid
Chromatography						
Image	2.	The	purity	of	Bioti	nylated
Human/Cynomolgus/Rhesus macaque ROR1 is greater						
than 95 % as determined by SEC-HPLC.						





ELISA				
Image	3.	Immobilized	Biotinylated	
Human/Cy	nomolgus/R	hesus macaque RC	)R1 at 1 µg/mL	
(100 $\mu\text{L/Well})$ on the plate. Dose response curve for Anti-				
ROR1 Anti	body, hFc	Tag with the EC50	) of 7.7 ng/mL	
determined	l by ELISA.			

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