

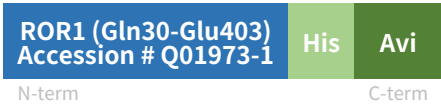
Rev04
 Update: Aug,08,2025

DATASHEET

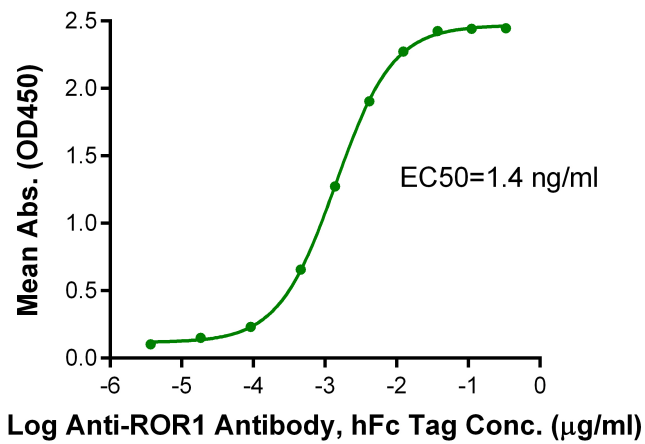
ROR1, His & Avi, Human/Cynomolgus/Rhesus macaque

Cat. No.: Z03931

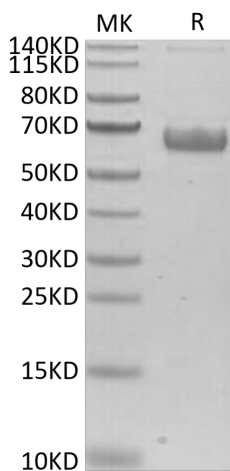
Product Introduction

Species	Human/Cynomolgus/Rhesus macaque
Protein Construction	
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC
Endotoxin Level	Less than 1EU per µg by the LAL method.
Biological Activity	Immobilized ROR1, His & Avi, Human/Cynomolgus/Rhesus macaque (Cat.No.: Z03931) at 1 µg/ml (100µl/Well) on the plate can bind Anti-ROR1 Antibody, hFc Tag
Expression System	HEK293
Theoretical Molecular Weight	44.9 kDa
Apparent Molecular Weight	Due to glycosylation, the protein migrates to 55-70 kDa based on Bis-Tris PAGE result.
Formulation	Lyophilized from a 0.22 µm filtered solution in PBS, pH 7.4 .
Reconstitution	It is recommended that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute the lyophilized powder in ddH ₂ O more than 100 µg/ml.
Storage & Stability	Upon receiving, the product remains stable up to 6 months at -20 °C or below. Upon reconstitution, the product should be stable for 3 months at -80 °C. Avoid repeated freeze-thaw cycles.

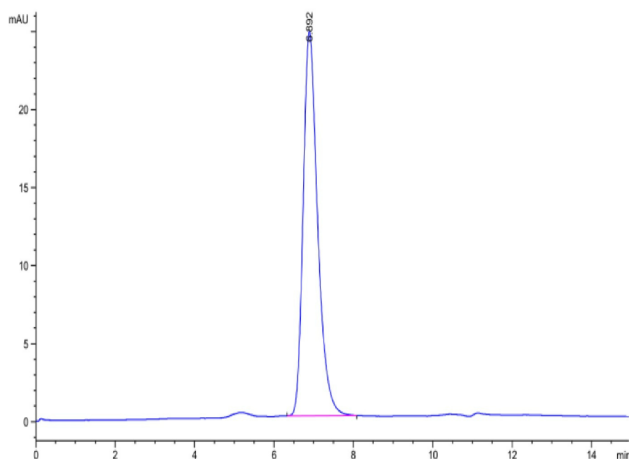
Examples



Immobilized ROR1, His & Avi, Human/Cynomolgus/Rhesus macaque at 1 $\mu\text{g/ml}$ (100 $\mu\text{l/well}$) on the plate. Dose response curve for Anti-ROR1 Antibody, hFc Tag with the EC50 of 1.4 ng/ml determined by ELISA.



ROR1, His & Avi, Human/Cynomolgus/Rhesus macaque on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.



The purity of ROR1, His & Avi, Human/Cynomolgus/Rhesus macaque is greater than 95% as determined by SEC-HPLC.

Background

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

Synonyms : ROR1; NTRKR1; dJ537F10.1

For laboratory research use only. Direct human use, including taking orally and injection and clinical use are forbidden.

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