Rev04
Update: Dec,29,2025

DATASHEET

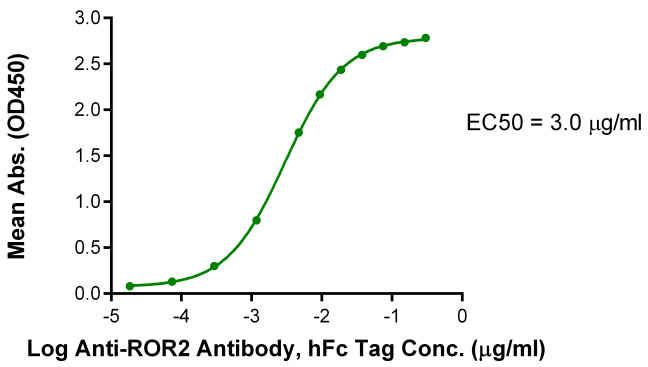
ROR2/NTRKR2, His, Cynomolgus

Cat. No.: Z04907

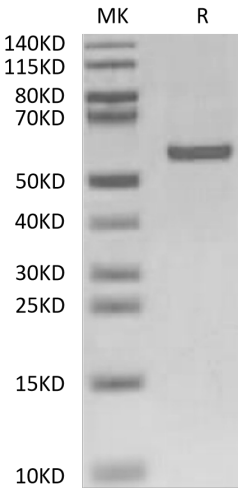
Product Introduction

Species	Cynomolgus
Protein Construction	ROR2/NTRKR2 (Glu34-Met402) Accession # A0A7N9D5U8 — His N-term — C-term
Purity	> 95% as determined by BisTris PAGE
Endotoxin Level	Less than 1EU per μg by the LAL method.
Biological Activity	Measured by its binding ability in a functional ELISA. Test result was comparable to standard batch.
Expression System	HEK293
Theoretical Molecular Weight	42.29 kDa
Apparent Molecular Weight	Due to glycosylation, the protein migrates to 53-63 kDa based on Bis-Tris PAGE result.
Formulation	Lyophilized from 0.22 μm filtered solution in PBS (pH 7.4).
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 μg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Storage & Stability	Upon receiving, the product remains stable for 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.

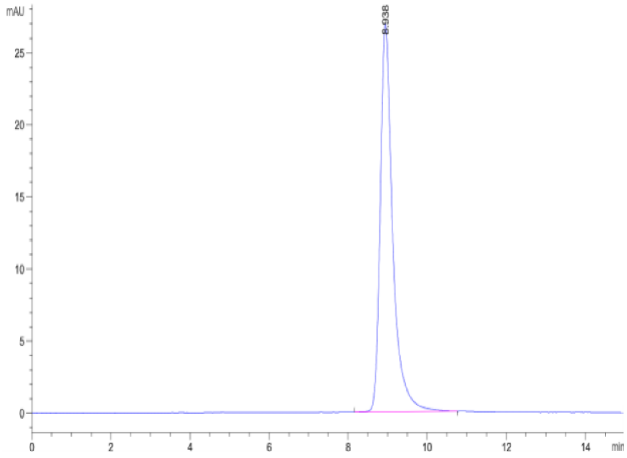
Examples



Immobilized ROR2/NTRKR2, His, Cynomolgus, His Tag at 0.5 μg/ml (100 μl/well) on the plate. Dose response curve for Anti-ROR2 Antibody, hFc Tag with the EC50 of 3.0ng/ml determined by ELISA.



ROR2/NTRKR2, His, Cynomolgus on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.



The purity of ROR2/NTRKR2, His, Cynomolgus is greater than 95% as determined by SEC-HPLC.

Background

Target Background : ROR2 (Receptor Tyrosine Kinase-like Orphan Receptor 2) is a member of the ROR family of receptor tyrosine kinases and is important for skeletal development, including bone and cartilage formation, as well as for the development of the central nervous system. Mature human ROR2 contains a 369 amino acid (aa) extracellular domain (ECD) and a 518 aa cytoplasmic tail containing an tyrosine kinase domain.

Synonyms : BDB; BDB1; NTRKR2; ROR2

For research use only. Not intended for human or animal clinical trials, therapeutic or diagnostic use.

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