

Biotinylated Human ROR2/NTRKR2 Protein



Cat. No. ROR-HM402B

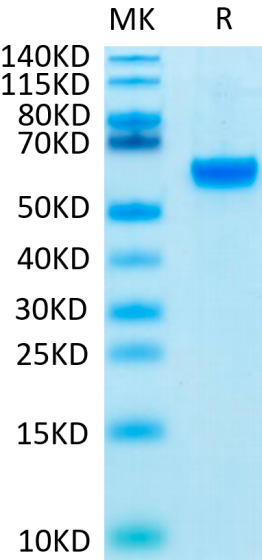
Description	
Source	Recombinant Biotinylated Human ROR2/NTRKR2 Protein is expressed from HEK293 with His tag and Avi tag at the C-Terminus. It contains Val34-Gly403.
Accession	A1L4F5
Molecular Weight	The protein has a predicted MW of 44.2 kDa. Due to glycosylation, the protein migrates to 54-65 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC

Formulation and Storage	
Formulation	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Dissolve the lyophilized protein in distilled water. Please refer to the Certificate of Analysis for detailed instructions.
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

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.	

Assay Data

Bis-Tris PAGE



Biotinylated Human ROR2 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

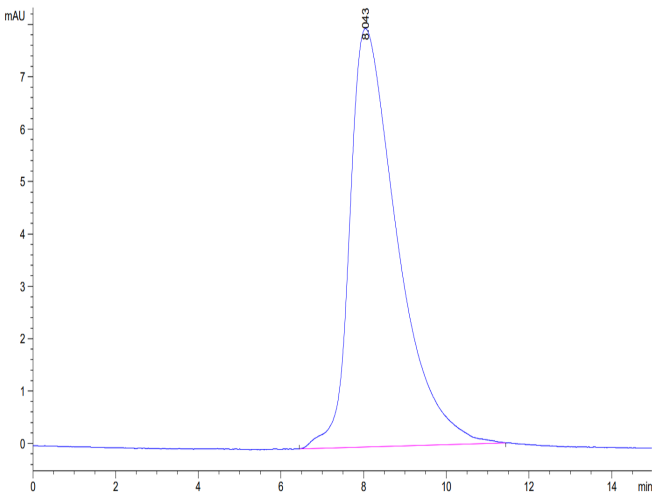
SEC-HPLC

Biotinylated Human ROR2/NTRKR2 Protein

Cat. No. ROR-HM402B



Assay Data

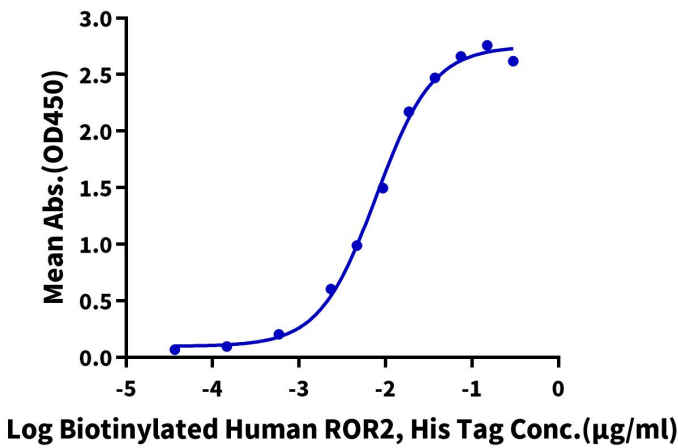


The purity of Biotinylated Human ROR2 is greater than 95% as determined by SEC-HPLC.

ELISA Data

Biotinylated Human ROR2, His Tag ELISA

0.1µg Anti-ROR2 Antibody, hFc Tag Per Well



Immobilized Anti-ROR2 Antibody, hFc Tag at 1µg/ml (100µl/well) on the plate. Dose response curve for Biotinylated Human ROR2, hFc Tag with the EC50 of 7.8ng/ml determined by ELISA.