

Catalog No.: RP02480B **Recombinant**

Species	Gene ID	Swiss Prot
Human	4920	A1L4F5(Q01974)

C-His&Avi

BDB; BDB1;
NTRKR2:ROR2:BDB1:NTRKR2

Source HEK293 cells	Purification ≥ 95 % as determined by Tris- Bis PAGE; ≥ 95 % as determined by HPLC.
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< 1 EU/μg of the protein by LAL method.

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.

Centrifuge the tube before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

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.

Biotinylated Recombinant Human ROR2 Protein is produced by Expi293 expression system. The target protein is expressed with sequence (Val34-Gly403) of Human ROR2 fused with a His and Avi tag at the C-terminal.

The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

Avoid repeated freeze/thaw cycles.

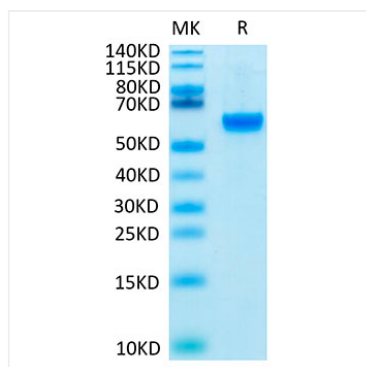
For your safety and health, please wear a lab coat and disposable gloves for handling.

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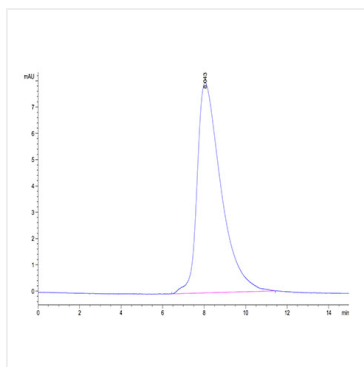
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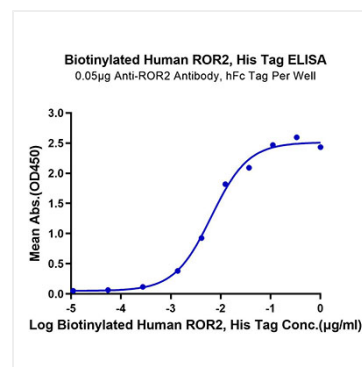
Validation Data



Biotinylated Recombinant Human ROR2 Protein was determined by Tris-Bis PAGE under reducing conditions.



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



Immobilized Anti-ROR2 Antibody, hFc Tag at 0.5µg/ml (100µl/well) on the plate. Dose response curve for Biotinylated Human ROR2, hFc Tag with the EC_{50} of 6.5ng/ml determined by ELISA.