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Biotinylated Recombinant Human ROR2 Protein

Catalog No.: RP02480 Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
Human	4920	A1L4F5(Q01974)

Tags
C-His&Avi

Synonyms
BDB; BDB1; NTRKR2;ROR2;BDB1;NTRKR2

Product Information

Source	Purification
HEK293 cells	> 95% by Tris-Bis PAGE;> 95% by SEC-HPLC

Endotoxin
< 1 EU/μg of the protein by LAL method.

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

Reconstitution
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 stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Contact

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Background

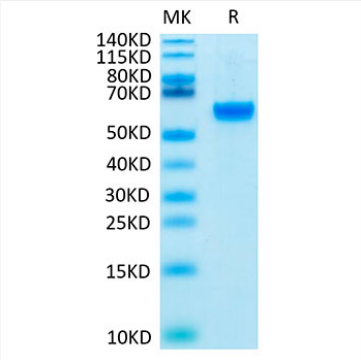
Basic Information

Description
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 His and Avi tag at theC-terminal.

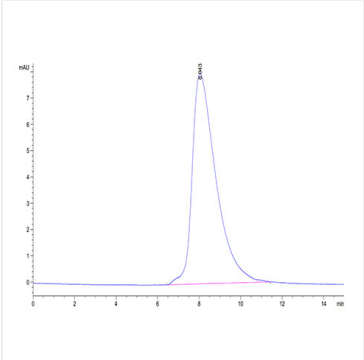
Bio-Activity

Storage
Store the lyophilized protein at -20°C to -80°C for long term.
After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.
Avoid repeated freeze/thaw cycles.

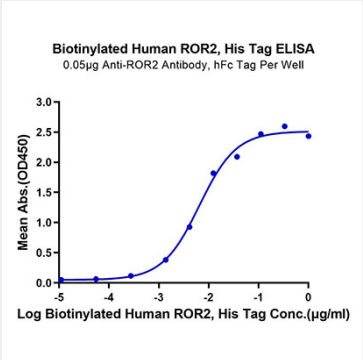
Validation Data



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



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.