Biotinylated Recombinant Human TNFRSF10D /DcR2/TRAIL-R4/CD264 Protein

Catalog No.: RP02087B

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Sequence Information

Species
Human

Gene ID
8793

Swiss Prot
Q9UBN6

Tags
C-His&Avi

Synonyms
CD264, DCR2, TRAIL-R4, TRAILR4, TRUNDD,TNFRSF10D,DCR2,TRAIL-R4,TRAILR4,TRUNDD

Product Information

Source
HEK293 cells

Purification
≥ 95 % as determined by Tris-Bis PAGE;≥ 95 % as determined by HPLC.

Calculated MW
19.4 kDa

Observed MW
38-50 kDa

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

Formulation
Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4. Normally 8% trehalose is added as protectant before lyophilization. Contact us for customized product form or formulation.

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

TNF-related apoptosis inducing ligand (TRAIL) is a potential antitumor protein known for its ability to selectively eliminate various types of tumor cells without exerting toxic effects in normal cells and tissues. TRAIL-R2/DR5 as well as TRAIL-R3/DcR1 and TRAIL-R4/DcR2 were significantly higher expressed in advanced tumour stages.

Basic Information

Description
Biotinylated Recombinant Human TNFRSF10D/DcR2/TRAIL-R4/CD264 Protein is produced by Expi293 expression system. The target protein is expressed with sequence (Ala56-His211) of Human TNFRSF10D/DcR2/TRAIL-R4/CD264 fused with His tag and Avi tag at the C-terminus.

Activity

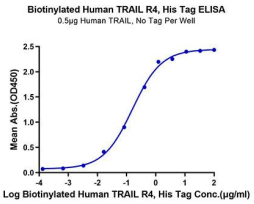
Shipping
Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage
Store at -20℃

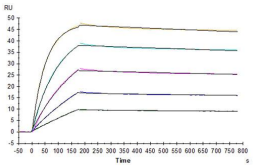
Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

For research use only. Not for therapeutic or diagnostic purposes.
Please visit http://abclonal.com for a complete listing of recommended products.

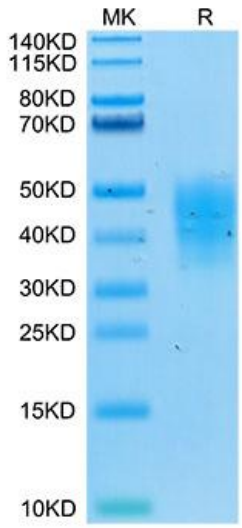
Validation Data



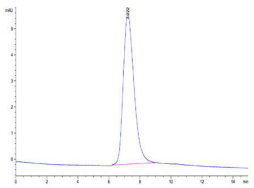
Immobilized Human TRAIL, No Tag at 5μg/ml (100μl/well) on the plate. Dose response curve for Biotinylated Human TRAIL R4, His Tag with the EC_{50} of 0.14μg/ml determined by ELISA.



Biotinylated Human TRAIL R4, His-Avi Tag immobilized on CM5 Chip can bind Human TRAIL, No Tag with an affinity constant of 0.135 nM as determined in SPR assay (Biacore T200).



Biotinylated Recombinant Human TNFRSF10D/DcR2/TRAIL-R4/CD264 Protein was determined by Tris-Bis PAGE under reducing conditions.



The purity of Biotinylated Human TRAIL R4 is greater than 95% as determined by SEC-HPLC.