Biotinylated Recombinant Human TNFRSF10B/DR5 /TRAIL-R2/CD262 Protein

Catalog No.: RP02085B

www.abclonal.com

Sequence Information

Species
Human

Gene ID
8795

Swiss Prot
O14763

Tags
C-His&Avi

Synonyms
CD262,DR5,KILLER,KILLER/DR5, TRAIL-R2,TRAILR2,TRICK2, TRICK2A,TRICK2B,TRICKB,ZTNFR9, TNFRSF10B

Product Information

Source
HEK293 cells

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

Calculated MW
17.2 kDa

Observed MW
20-25 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%

Background

DR5, also called TRAIL R2, TRICK 2, TNFRSF10B, and MK is a type 1 TNF R superfamily, membrane protein which is a receptor for TRAIL (APO2 ligand). DR5 is a receptor for the cytotoxic ligand TNFSF10/TRAIL. The resulting death-inducing signaling complex (DISC) performs caspase-8 proteolytic activation which initiates the subsequent cascade of caspases (aspartate-specific cysteine proteases) mediating apoptosis.

Basic Information

Description
Biotinylated Recombinant Human TNFRSF10B/DR5/TRAIL-R2/CD262 Protein is produced by Expi293 expression system. The target protein is expressed with sequence (Ile56-Glu182) of Human TNFRSF10B/DR5/TRAIL-R2/CD262 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.

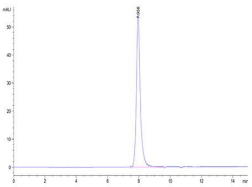
Contact

400-999-6126
cn.market@abclonal.com.cn
www.abclonal.com.cn

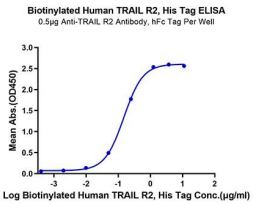
For research use only. Not for therapeutic or diagnostic purposes.
Please visit http://abclonal.com for a complete listing of recommended products.

Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

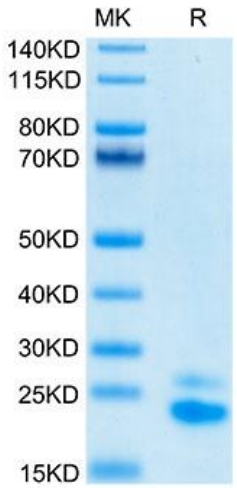
Validation Data



The purity of Biotinylated Human TRAIL R2 is greater than 95% as determined by SEC-HPLC.



Immobilized Anti-TRAIL R2 Antibody, hFc Tag at 5μg/ml (100μl/well) on the plate. Dose response curve for Biotinylated Human TRAIL R2, His Tag with the EC_{50} of 0.1 μg/ml determined by ELISA.



Biotinylated Recombinant Human TNFRSF10B/DR5/TRAIL-R2/CD262 Protein was determined by Tris-Bis PAGE under reducing conditions.