Recombinant Human TRAIL R3/TNFRSF10C Protein (Fc & His Tag)

Catalog No. PKSH033129

Note: Centrifuge before opening to ensure complete recovery of vial contents.

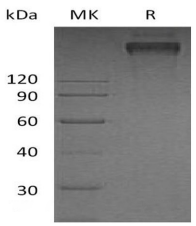
Description

Synonyms	Tumor Necrosis Factor Receptor Superfamily Member 10C;Antagonist Decoy Receptor for TRAIL/Apo-2L;Decoy TRAIL Receptor Without Death Domain;Decoy Receptor 1;DcR1;Lymphocyte Inhibitor of TRAIL;TNF-Related Apoptosis-Inducing Ligand Receptor 3;TRAIL Receptor 3;TRAIL-R3;TRAIL Receptor Without an Intracellular Domain;CD263;TNFRSF10C;DCR1;LIT;TRAILR3;TRID
Species	Human
Expression Host	HEK293 Cells
Sequence	Ala26-Ala221
Accession	O14798
Calculated Molecular Weight	48.7 kDa
Observed molecular weight	90 kDa
Tag	C-Fc-His
Bioactivity	Not validated for activity

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80℃. Reconstituted protein solution can be stored at 4-8℃ for 2-7 days. Aliquots of reconstituted samples are stable at < -20℃ for 3 months.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
Reconstitution	Please refer to the printed manual for detailed information.

Data



> 95 % as determined by reducing SDS-PAGE.

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Background

Tumor Necrosis Factor Receptor Superfamily Member 10C (TNFRSF10C) is a glycosyl-phosphatidylinositol-linked membrane protein which binds TRAIL with high affinity. TNFRSF10C has the TRAIL-binding extracellular cysteine-rich domains; lacks the intracellular signaling domain. As a result; binding of TRAIL to TRAIL R3 doesn't transduce an apoptosis signal. The expression of TRAIL R3 gene has been shown to protect cells bearing TRAIL R1 and/or TRAIL R2 from TRAIL-induced apoptosis.

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