Recombinant human TRAILR3/TNFRSF10C protein

Catalog Number: ATGP3055

PRODUCT INFORMATION

Expression system
E.coli

Domain
26-236aa

UniProt No.
O14798

NCBI Accession No.
NP_003832

Alternative Names
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, CD263, LIT, TRAILR3, TRID, TRAIL receptor without an intracellular domain

PRODUCT SPECIFICATION

Molecular Weight
24.6 kDa (234aa) confirmed by MALDI-TOF

Concentration
1mg/ml (determined by BCA assay)

Formulation
Liquid in. Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol

Purity
> 90% by SDS-PAGE

Tag
His-Tag

Application
SDS-PAGE

Storage Condition
Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description
TNFRSF10C also known as tumor necrosis factor receptor superfamily member 10C is a member of the TNF-receptor superfamily. This receptor contains an extracellular TRAIL-binding domain and a transmembrane domain, but no cytoplasmic death domain. This receptor is not capable of inducing apoptosis, and is thought to

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function as an antagonistic receptor that protects cells from TRAIL-induced apoptosis. Recombinant human TNFRSF10C, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

Amino acid Sequence

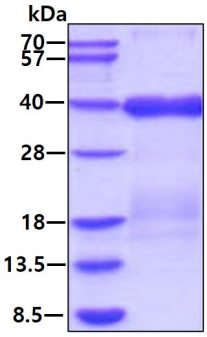
<MGSSHHHHHH SSGLVPRGSH MGS>ATTARQE EVPQQTVAPQ QQRHSFKGEE CPAGSHRSEH TGACNPCTEG VDYTNASNNE PSCFPCTVCK SDQKHKSSCT MTRDTVCQCK EGTFRNENSP EMCRKCSRCP SGEVQVSNCT SWDDIQCVEE FGANATVETP AAEETMNTSP GTPAPAAEET MNTSPGTPAP AAEETMTTSP GTPAPAAEET MTTSPGTPAP AAEETMTTSP GTPA

General References

Venza M., et al. (2013) Biochem. Biophys. Res. Commun. 441 (4), 743-750

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.