PRODUCT INFORMATION

Expression system Baculovirus

Domain 56-211aa

UniProt No. Q9UBN6

NCBI Accession No. NP_003831

Alternative Names

Tumor necrosis factor receptor superfamily member 10D, Decoy receptor 2, DcR2, TNF-related apoptosisinducing ligand receptor 4, TRAIL receptor 4, TRAIL-R4, TRAIL receptor with a truncated death domain, CD264, TRAILR4, TRUNDD

PRODUCT SPECIFICATION

Molecular Weight

43.8 kDa (395aa)

Concentration 0.5mg/ml (determined by absorbance at 280nm)

Formulation

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

Purity

> 90% by SDS-PAGE

Endotoxin level

< 1 EU per 1ug of protein (determined by LAL method)

Biological Activity

Measured by its ability to inhibit cytotoxicity using Jurkat human acute T cell leukemia cells. The ED50 range \leq 10ng/ml with Human TRAIL.

Tag

hlgG-His-Tag

Application

SDS-PAGE, Bioactivity

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

TNFRSF10D, also known as tumor necrosis factor receptor superfamily member 10D, is a member of the TNFreceptor superfamily. This protein contains an extracellular TRAIL-binding domain, a transmembrane domain, and a truncated cytoplasmic death domain. Also, it is can protect cells bearing TRAIL R1 and/or TRAIL R2 from TRAIL-mediated apoptosis. Recombinant human TNFRSF10D, fused to hIgG-His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Amino acid Sequence

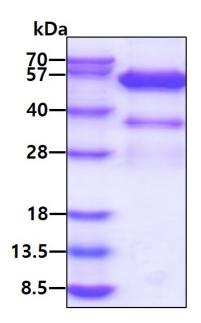
ATIPRQDEVP QQTVAPQQQR RSLKEEECPA GSHRSEYTGA CNPCTEGVDY TIASNNLPSC LLCTVCKSGQ TNKSSCTTTR DTVCQCEKGS FQDKNSPEMC RTCRTGCPRG MVKVSNCTPR SDIKCKNESA ASSTGKTPAA EETVTTILGM LASPYH<VEPK SCDKTHTCPP CPAPELLGGP SVFLFPPKPK DTLMISRTPE VTCVVVDVSH EDPEVKFNWY VDGVEVHNAK TKPREEQYNS TYRVVSVLTV LHQDWLNGKE YKCKVSNKAL PAPIEKTISK AKGQPREPQV YTLPPSRDEL TKNQVSLTCL VKGFYPSDIA VEWESNGQPE NNYKTTPPVL DSDGSFFLYS KLTVDKSRWQ QGNVFSCSVM HEALHNHYTQ KSLSLSPGKH HHHHH>

General References

Degli-Esposti MA., et al, (1997) Immunity 7:813-820. Marsters SA., et al, (1997) Curr. Biol. 7:1003-1006.

DATA

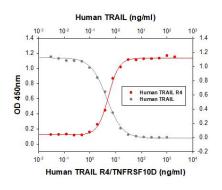
SDS-PAGE



Biological Activity

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

NKMAXBio we support you, we believe in your research Recombinant human TRAILR4/TNFRSF10D protein Catalog Number: ATGP3702



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