Recombinant human TRAILR4/TNFRSF10D protein

Catalog Number: ATGP3702

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 apoptosis-inducing 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 ≤10ng/ml with Human TRAIL.

Tag
hIgG-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.

Recombinant human TRAILR4/TNFRSF10D protein

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BACKGROUND

Description

TNFRSF10D, also known as tumor necrosis factor receptor superfamily member 10D, is a member of the TNF-receptor 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

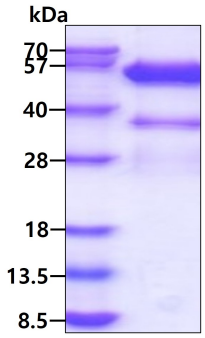
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General References

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

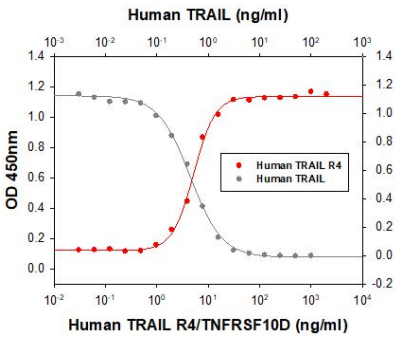
DATA

SDS-PAGE



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

Biological Activity



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