

TRAIL/Apo2L, soluble Active Protein | TRAIL/Apo2L active protein

Human TRAIL/Apo2L, soluble

CATALOG # AAA79152	HOST E Coli	REACTIVITY Human
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PRODUCT SYNONYMS

TRAIL/Apo2L; soluble; Human TRAIL/Apo2L; Recombinant Human TRAIL/Apo2L; TRAIL/Apo2L active protein

PRODUCT SPECIFICATIONS

Host	E Coli
Reactivity	Human
Purity/Purification	> 98% by SDS-PAGE and HPLC analysis
Form/Format	Lyophilized
Sequence	MRERGPQRVA AHITGTRGRS NTLSSPNSKN EKALGRKINS WESSRSGHSF LSNLHLRNGE LVIHEKGFYY IYSQTYFRFQ EEIKENTKND KQMVQYIYKY TSYDPILLM KSARNSCWSK DAEYGLYSIY QGGIFELKEN DRIFVSVTNE HLIDMDHEAS FFGAFLVG
Sequence Length	168
Endotoxin Level	< 0.1 ng /ug of protein (<1EU/ug).
Biological Activity	Determined by its ability to induce apoptosis in LN-18 cells (human glioblastoma cells). The expected ED ₅₀ for this effect is 0.8 - 2.0 ng/ml.
mRNA RefSeq	NM_003810.3
Preparation and Storage	Stability: The lyophilized protein is stable at room temperature for 1 month and at 4 degree C for 6 months. Reconstituted working aliquots are stable for 1 week at 2 degree C to 8 degree C and for 12 months at -20 degree C to -80 degree C. Reconstitution: Centrifuge the vial prior to opening. Reconstitute in water to a concentration of 0.1-0.5 mg/ml. Do not vortex. This solution can be stored at 2-8 degree C for up to 1 week. For extended storage, it is recommended to further dilute in a buffer containing a carrier protein (example 0.1% BSA) and store in working aliquots at -20 degree C to -80 degree C.

ADDITIONAL INFORMATION

Related Product Information for TRAIL/Apo2L active protein	TRAIL/Apo2L is a cytotoxic protein, which activates rapid apoptosis in tumor cells, but not in normal cells. TRAIL induced apoptosis is achieved through binding to two death-signaling receptors, DR4 and DR5. These receptor types belong to the TNFR superfamily of transmembrane proteins and contain a cytoplasmic "death domain", which activates the cell's apoptotic response. Recombinant human soluble TRAIL/Apo2L is a 168 amino acid polypeptide (19.6 kDa), consisting of the TNF homologous portion of the extracellular domain of the full length TRAIL/Apo2L protein.
Product Categories/Family for TRAIL/Apo2L active protein	Cytokines & Growth Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	300193032
NCBI GeneID	8743
NCBI Accession #	NP_003801.1
NCBI GenBank Nucleotide #	NM_001190942.1
UniProt Accession #	P50591; A1Y9B3
Molecular Weight	19.6 kDa
NCBI Official Full Name	tumor necrosis factor ligand superfamily member 10 isoform 2
NCBI Official Synonym Full Names	tumor necrosis factor (ligand) superfamily, member 10
NCBI Official Symbol	TNFSF10
NCBI Official Synonym Symbols	TL2; APO2L; CD253; TRAIL; Apo-2L
NCBI Protein Information	tumor necrosis factor ligand superfamily member 10; Apo-2 ligand; TNF-related apoptosis inducing ligand TRAIL; tumor necrosis factor (ligand) family, member 10; chemokine tumor necrosis factor ligand superfamily member 10; tumor necrosis factor apoptosis-inducing ligand splice variant delta
UniProt Protein Name	Tumor necrosis factor ligand superfamily member 10
UniProt Gene Name	TNFSF10
UniProt Synonym Gene Names	APO2L; TRAIL; Apo-2L
UniProt Entry Name	TNF10_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/e-coli-human-active-protein/trail-apo2l-soluble/79152>