

TNF-Related Apoptosis Inducing Ligand/Apo2L Recombinant Protein | TRAIL recombinant protein

Recombinant Human TNF-Related Apoptosis Inducing Ligand/Apo2L (114-281)

CATALOG # AAA38606	HOST E Coli
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PRODUCT SYNONYMS

TNF-Related Apoptosis Inducing Ligand/Apo2L; Recombinant Human TNF-Related Apoptosis Inducing Ligand/Apo2L (114-281); TRAIL Human (114-281 a.a.); TRAIL/APO 2 Ligand (114-281 a.a.) Human Recombinant; Tumor necrosis factor ligand superfamily member 10; TNF-related apoptosis-inducing ligand; Protein TRAIL; Apo-2 ligand; Apo-2L; CD253 antigen; TL2; APO2L; TNFSF10; TRAIL (114-281 a.a.); TRAIL recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 95.0% as determined by SDS-PAGE.
Form/Format	TRAIL in 20mM Tris-HCl pH-7.5, 300mM NaCl, 0.1mM DTT & 10% glycerol. Sterile Filtered colorless liquid.
Sequence	MVRERGPQRV AAHITGTRGR SNTLSSPNSK NEKALGRKIN SWESSRSGHS FLSNLHLRNG ELVIHEKGFY YIYSQTYFRF QEEIKENTKN DKQMVQYIYK YTSYPDPILL MKSARNSCWS KDAEYGLYSI YQGGIFELKE NDRIFVSVTN EHLIDMDHEA SFFGAFLVG
Sequence Length	101

ADDITIONAL INFORMATION

Related Product Information for TRAIL recombinant protein	Description: Soluble TNF-related apoptosis-inducing ligand Human Recombinant produced in E Coli is a single, non-glycosylated polypeptide chain containing 169 amino acids (114-281) and having a molecular mass of 19.6 kDa. The sTRAIL is purified by proprietary chromatographic techniques. Introduction: TNF-related apoptosis-inducing ligand (TRAIL) is a ligand molecule which induces apoptosis. It is a type II transmembrane protein with homology to other members of the tumor necrosis factor family. In humans, the gene that encodes for TRAIL is located at chromosome 3q26. TRAIL binds to the death receptors, DR4 and DR5. The process of apoptosis is caspase-8-dependent. This protein preferentially induces apoptosis in transformed and tumor cells, but does not appear to kill normal cells although it is expressed at a significant level in most normal tissues.
Product Categories/Family for TRAIL recombinant protein	Cytokines and Growth Factors; Cytokines; Tumor Necrosis Factor

NCBI AND UNIPROT INFORMATION

NCBI GI #	300193032
NCBI GeneID	8743
NCBI Accession #	NP_001177871.1
NCBI GenBank Nucleotide #	NM_001190942.1
UniProt Accession #	P50591; A1Y9B3
Molecular Weight	11,746 Da

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; chemokine tumor necrosis factor ligand superfamily member 10; tumor necrosis factor (ligand) family, 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; Protein TRAIL
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/tnfsf10-recombinant-protein-e-coli/38606>