

Tumor Necrosis Factor Related Apoptosis Inducing Ligand (TRAIL) Recombinant Protein | TRAIL recombinant protein

Recombinant Tumor Necrosis Factor Related Apoptosis Inducing Ligand (TRAIL)

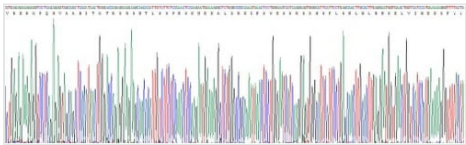
CATALOG # AAA134676	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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PRODUCT SYNONYMS

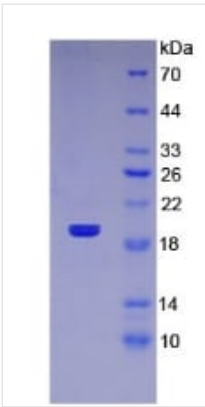
Tumor Necrosis Factor Related Apoptosis Inducing Ligand (TRAIL); Recombinant Tumor Necrosis Factor Related Apoptosis Inducing Ligand (TRAIL); TRAIL recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in PBS,pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Sequence	The target protein is fused with two N-terminal Tags, His-tag and T7-tag, its sequence is listed below. MGHHHHHS GSEF-VRERG PQRVAAHITG TRGRSNTLSS PNSKNEKALG RKINSWESSR SGHSFSLNLH LRNGELVIHE KGFYYISQT YFRFQEEIKE NTKNDKQMVQ YIYKYTSYPD PILLMKSARN SCWSKDAEYG LYSIYQGGIF ELKENDRIFV SVTNEHLIDM DHEASFFGAF LVG
Sequence Length	281
Applicable Applications for TRAIL recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Homo sapiens (Human)
Expression System	Prokaryotic expression
Residues	Val114 ~Gly281 (Accession # Q6IBA9) with two N-terminal Tags, His-tag and T7-tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.



Application Data



SDS-PAGE

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VRERGPO RVAAHITGTR GRSNTLSSPN SKNEKALGRK
INSWESSRSG HSFLSNLHLR NGELVIHEKG FYYIYSQTYF RFQEEIKENT
KNDKQMVQYI YKYTSYPDPI LLMKSARNSC WSKDAEYGLY SIYQGGIFEL
KENDRIFVSV TNEHLIDMDH EASFFGAFLV G
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Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507593
NCBI GeneID	8743
NCBI Accession #	NP_003801.1
NCBI GenBank Nucleotide #	NM_003810.3
UniProt Accession #	Q6IBA9; P50591
Molecular Weight	21.0kDa
NCBI Official Full Name	tumor necrosis factor ligand superfamily member 10 isoform 1
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	TNFSF10 protein
UniProt Gene Name	TNFSF10
UniProt Entry Name	Q6IBA9_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.