

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

Recombinant Tumor Necrosis Factor Related Apoptosis Inducing Ligand (TRAIL)

CATALOG # AAA134142	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
-------------------------------	-----------------------	---

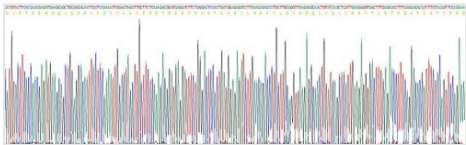
PRODUCT SYNONYMS

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

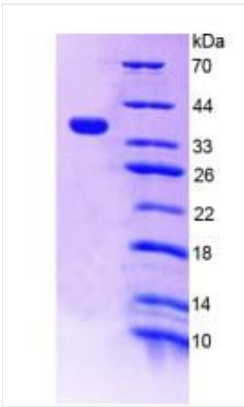
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in PBS,pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Sequence	Thetargetp roteinisfu sedwithtwo N-terminal Tags,His-t agandT7-ta g,itsseque nceisliste dbelow. MHHHHHSS GLVPRGSGMK ETAAAKFERQ HMDSPDLGTD DDDKAMADIG SEF-MYFTNE MKQLQDNYSK IGLACFSKTD EDFWDSTDGE ILNRPCQLQVK RQLYQLIEEV TLRTFQDTIS TVPEKQLSTP PLPRGGRPQK VAAHITGITR RSNSALIPIS KDGKTLGQKI ESWESSRKGH SFLNHVLFNRN GELVIEQEGL YYIYSQTYFR FQEAEDASKM VSKDKVRTKQ LVQYIYKYTS YPDPIVLMKS ARNSCWSRDA EYGLYSIQG GLFELKKNDR IFVSVTNEHL MDLDQEASFF GAFLIN
Sequence Length	291
Applicable Applications for TRAIL recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Mus musculus (Mouse)
Expression System	Prokaryotic expression
Residues	Met40~Asn291 (Accession # P50592) 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 targetprotein. 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 andprecipitation 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.

IMAGES



Application Data



SDS-PAGE

M YFTNEMKQLQ

DNYSKIGLAC FSKTDEDFWD STDGEILNRP CLQVKRQLYQ LIEEVLRTF

QDTISTVPEK QLSTPPLPRG GRPQKVAARI TGITRRNSA LIPISKDGKT

LQQKIESWES SRKGHSFLNH VLFNGELVI EQEGLYYIYS QTYFRFQAE

DASKMVSDDK VRTKQLVQYI YKYTSYDPDI VLMKSARNSC WSRDAEYGLY

SIYQGGLFEL KKNDRIFVSV TNEHLMDLQD EASFFGAFLI N

Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	6678431
NCBI GeneID	22035
NCBI Accession #	NP_033451.1
NCBI GenBank Nucleotide #	NM_009425.2
UniProt Accession #	P50592
Molecular Weight	34.9kDa
NCBI Official Full Name	tumor necrosis factor ligand superfamily member 10
NCBI Official Synonym Full Names	tumor necrosis factor (ligand) superfamily, member 10
NCBI Official Symbol	Tnfsf10
NCBI Official Synonym Symbols	TL2; Ly81; Trail; APO-2L; AI448571; A330042I21Rik
NCBI Protein Information	tumor necrosis factor ligand superfamily member 10; TRAIL/APO2L; TNF-related apoptosis inducing ligand; TNF-related apoptosis-inducing ligand
UniProt Protein Name	Tumor necrosis factor ligand superfamily member 10
UniProt Gene Name	Tnfsf10
UniProt Synonym Gene Names	Trail; Protein TRAIL
UniProt Entry Name	TNF10_MOUSE

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.