

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

Recombinant Tumor Necrosis Factor Related Apoptosis Inducing Ligand (TRAIL)

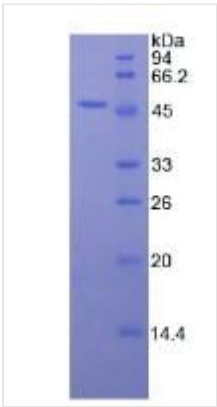
CATALOG # AAA134332	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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PRODUCT SYNONYMS

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	Thetargetp roteinisfu sedwithtwo N-terminal Tags,His-t agandGST-t ag,itssequ enceislist edbelow. MSPILGYW KIKGLVQPTR LLEYLEEKY EEHL YERDEG DKWRNKKFEL GLEFPNLPYY IDGDVKLTQS MAIRYIADK HNMLGGCPKE RAEISMLEGA VLDIRYGVSR IAYSKDFETL KVDFLSKLPE MLKMFEDRLC HKTYLNGDHV THPDFMLYDA LDVVLYMDPM CLDAFPKLVC FKKRIEAIQ IDKYLKSSKY IAWPLQGWQA TFGGGDHPPK SDGSTSGSGH HHHHHSAGLV PRGSTAIGMK ETAAAKFERQ HMDSPDLGTL EVLFQGPLGS EF-PPLPRGR RPQRVAAHIT GITRRSNLAL IPISKDGKTL GQKIETWESS RRGHSFLNHV HLRNGELVIQ EEGLYYIYSQ TYYRFKEAKE ASKTVSKDGG RIKQMVQYIY KYTSYPDPIL LMKSARNSCW SREA EYGLYS IYQGGLFELK ENDRIFVSVT NEHLMDLDHE ASFFGA
Sequence Length	287
Applicable Applications for TRAIL recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Rattus norvegicus (Rat)
Expression System	Prokaryotic expression
Residues	Pro115~Ala287 (Accession # NP_663714.1) with two N-terminal Tags, His-tag and GST-tag
Subcellular Location	Membrane; Single-pass type II membrane protein
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Predicted Isoelectric Point	7.3
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.



Sequence

PPLPRG RRPQVAARI TGITRRSNLA LIPISKDGKT
LGQKIETWES SRRGHSFLNH VHLRNGELVI QEEGLYYIYS QTYRFEAK
EASKTVSKDG GRIKQWQYI YKYTSYPDPI LLMKSARNSC WSREAEGLY
SIYQGGLFEL KENDRIFVSV TNEHLMDLDH EASFFGA

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	21728412
NCBI GeneID	246775
NCBI Accession #	NP_663714.1
NCBI GenBank Nucleotide #	NM_145681.1
Molecular Weight	52.0kDa
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	Trail
NCBI Protein Information	tumor necrosis factor ligand superfamily member 10

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/tumor-necrosis-factor-related-apoptosis-inducing-ligand-trail-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/134332>