

Tumor necrosis factor receptor superfamily member 10B protein (TNFRSF10B) Active Protein | TNFRSF10B active protein

Recombinant Human Tumor necrosis factor receptor superfamily member 10B protein (TNFRSF10B) (Active)

CATALOG # AAA114240	HOST E Coli
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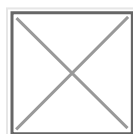
PRODUCT SYNONYMS

Tumor necrosis factor receptor superfamily member 10B protein (TNFRSF10B); Recombinant Human Tumor necrosis factor receptor superfamily member 10B protein (TNFRSF10B) (Active); Death receptor 5; TRAIL receptor 2; TRAIL-R2; CD antigen CD262; TNFRSF10B active protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized
Sequence Positions	52-183aa
Sequence	ESALITQDDL APQQRAPQQ KRSSPSEGLC PPGHHISEDG RDCISCKYGQ DYSTHWNDLL FCLRCTRCDSE GEVELSPCTT TRNTVCQCEE GTFREEDSPE MCRKCRTGCP RGMVKVGDCT PWSDIECVHK ES
Sequence Length	440
Species	Homo sapiens (Human)
Biological Activity	Fully biologically active when compared to standard. rHusTRAIL-R2 reduced the production of LPS- induced TNF by its ability to neutralize endogenous TRAIL in fresh human PBMC. In this assay, endogenous TRAIL is induced during a 24 hour exposure to LPS (10 ng/mL) but in the presence of rHusTRAIL-R2, TRAIL-induced TNF is suppressed.
Endotoxin	Less than 1.0 EU/ug as determined by LAL method.
Protein Note	Protein will be provided with aseptic processing and endotoxin removal.
Preparation and Storage	Generally, the shelf life of liquid form is 6 months at -20/-80 degree C. The shelf life of lyophilized form is 12 months at -20/-80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for TNFRSF10B active protein	Receptor for the cytotoxic ligand TNFSF10/TRAIL. The adapter molecule FADD recruits caspase-8 to the activated receptor. The resulting death-inducing signaling complex (DISC) performs caspase-8 proteolytic activation which initiates the subsequent cascade of caspases (aspartate-specific cysteine proteases) mediating apoptosis. Promotes the activation of NF-kappa-B. Essential for ER stress-induced apoptosis. {ECO:0000269 PubMed:15322075}.
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Product Categories/Family for TNFRSF10B active protein	Biological Active Protein; Cancer; Tumor Necrosis Factor
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NCBI AND UNIPROT INFORMATION

NCBI GI #	224494019
NCBI GeneID	8795
NCBI Accession #	NP_003833.4
NCBI GenBank Nucleotide #	NM_003842.4
UniProt Accession #	O14763; O14720; O15508; O15517; O15531; Q6UXM8; Q7Z360; Q9BVE0
Molecular Weight	14.8 kDa
NCBI Official Full Name	tumor necrosis factor receptor superfamily member 10B isoform 1
NCBI Official Synonym Full Names	TNF receptor superfamily member 10b
NCBI Official Symbol	TNFRSF10B
NCBI Official Synonym Symbols	DR5; CD262; KILLER; TRICK2; TRICKB; ZTNFR9; TRAILR2; TRICK2A; TRICK2B; TRAIL-R2; KILLER/DR5
NCBI Protein Information	tumor necrosis factor receptor superfamily member 10B
UniProt Protein Name	Tumor necrosis factor receptor superfamily member 10B
UniProt Gene Name	TNFRSF10B
UniProt Synonym Gene Names	DR5; KILLER; TRAILR2; TRICK2; ZTNFR9; TRAIL receptor 2; TRAIL-R2

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-active-protein/tumor-necrosis-factor-receptor-superfamily-member-10b-protein-tnfrsf10b/114240>