Tumor Necrosis Factor Receptor Superfamily Member 10d (TNFRSF10D) Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	Tumor necrosis factor receptor superfamily member 10D (TNFRSF10D), Recombinant Protein
Full Product Name	Recombinant Human Tumor necrosis factor receptor superfamily member 10D (TNFRSF10D), partial
Product Gene Name	TNFRSF10D recombinant protein
Product Synonym Gene Name	TNFRSF10D
Sequence	ATIPR QDEVPQQTVA PQQQRRSLKE EECPAGSHRS EYTGACNPCT EGVDYTIASN NLPSCLLCTV CKSGQTNKSS CTTTRDTVCQ CEKGSFQDKN SPEMCRTCRT GCPRGMVKVS NCTPRSDIKC KNESAASSTG KTPAAEETVT TILGMLASPY H
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	41,823 Da
Sequence Positions	56-211
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
OMIM	603614
3D Structure	ModBase 3D Structure for Q9UBN6
Species	Human
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for TNFRSF10D recombinant protein	This protein is a member of the TNF-receptor superfamily. This receptor contains an extracellular TRAIL-binding domain, a transmembrane domain, and a truncated cytoplamic death domain. This receptor does not induce apoptosis, and has been shown to play an inhibitory role in TRAIL-induced cell apoptosis.
Other Notes	Small volumes of TNFRSF10D recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for TNFRSF10D purchase	MBS1326431 is a recombinant protein targeting TNFRSF10D. Also known as Recombinant Human Tumor necrosis factor receptor superfamily member 10D (TNFRSF10D), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TNFRSF10D. It may not necessarily be applicable to this product.

NCBI GI #	22547108

NCBI GeneID	8793
NCBI Accession #	NP_003831.2
UniProt Primary Accession #	Q9UBN6
UniProt Secondary Accession #	Q9Y6Q4; B2R8W0
UniProt Related Accession #	Q9UBN6
GenBank Nucleotide #	NM_003840.4
NCBI Official Full Name	tumor necrosis factor receptor superfamily member 10D
NCBI Official Synonym Full Names	TNF receptor superfamily member 10d
NCBI Official Symbol	TNFRSF10D
NCBI Official Synonym Symbols	DCR2; CD264; TRUNDD; TRAILR4; TRAIL-R4
UniProt Protein Name	Tumor necrosis factor receptor superfamily member 10D
UniProt Synonym Protein Names	Decoy receptor 2; DcR2; TNF-related apoptosis-inducing ligand receptor 4; TRAIL receptor 4; TRAIL-R4; TRAIL receptor with a truncated death domain; CD_antigen: CD264
Protein Family	Tumor necrosis factor receptor superfamily
UniProt Gene Name	TNFRSF10D
UniProt Synonym Gene Names	DCR2; TRAILR4; TRUNDD; DcR2; TRAIL receptor 4; TRAIL-R4
NCBI Protein Information	tumor necrosis factor receptor superfamily member 10D
NCBI Summary for TNFRSF10D	The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor contains an extracellular TRAIL-binding domain, a transmembrane domain, and a truncated cytoplamic death domain. This receptor does not induce apoptosis, and has been shown to play an inhibitory role in TRAIL-induced cell apoptosis. [provided by RefSeq, Jul 2008]
UniProt Comments for TNFRSF10D	Receptor for the cytotoxic ligand TRAIL. Contains a truncated death domain and hence is not capable of inducing apoptosis but protects against TRAIL-mediated apoptosis. Reports are contradictory with regards to its ability to induce the NF-kappa-B pathway. According to PubMed:9382840, it cannot but according to PubMed:9430226, it can induce the NF-kappa-B pathway.
Research Articles on TNFRSF10D	**1.** Urinary DcR2 could potentially serve as a novel biomarker for tubulointerstitial injury and may reflect senescence of renal proximal tubular cells in diabetic nephropathy.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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