

Product datasheet for **TP319808L**

DR5 (TNFRSF10B) (NM_147187) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human tumor necrosis factor receptor superfamily, member 10b (TNFRSF10B), transcript variant 2, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC219808 representing NM_147187 Red=Cloning site Green=Tags(s)

MEQRGQNAPAASGARKRHGPGPREARGARPLRVPKTLVLVAAVLLLVSAESALITQQDLAPQQRAPQ
QKRSSPSEGLCPPGHHISEDGRDCISCKYGDYSTHWNDLLFCLRCTRCDSEVELSPCTTTRNTVCQCE
EGTFREEDSPEMCRKCR TGCP RGMVKVGDCTPWS D IECVHKESGIIIGVTVA AVLVAVFVCKSL LWKK
VLPYLK G ICSGGGGDP ERVDRSSQRPGAEDNVLNEIVSILQPTQVPEQEMEVQEP A EPTGVNMLSPGESE
HLL E P A E A E R S Q R R R L L V P A N E G D P T E T L R Q C F D D F A D L V P F D S W E P L M R K L G L M D N E I K V A K A E A A G H R
D T L Y T M L I K W V N K T G R D A S V H T L L D A L E T L G E R L A K Q K I E D H L L S S G K F M Y L E G N A D S A M S

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	39.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Bioactivity:	Pull-down assay (PMID: 27740879)
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq:	NP_671716
Locus ID:	8795
UniProt ID:	O14763 , Q7Z2I8
RefSeq Size:	4073
Cytogenetics:	8p21.3
RefSeq ORF:	1233
Synonyms:	CD262; DR5; KILLER; KILLER/DR5; TRAIL-R2; TRAILR2; TRICK2; TRICK2A; TRICK2B; TRICKB; ZTNFR9
Summary:	<p>The protein encoded by this gene is a member of the TNF-receptor superfamily, and contains an intracellular death domain. This receptor can be activated by tumor necrosis factor-related apoptosis inducing ligand (TNFSF10/TRAIL/APO-2L), and transduces an apoptosis signal. Studies with FADD-deficient mice suggested that FADD, a death domain containing adaptor protein, is required for the apoptosis mediated by this protein. Two transcript variants encoding different isoforms and one non-coding transcript have been found for this gene. [provided by RefSeq, Mar 2009]</p>
Protein Families:	Druggable Genome, Transmembrane
Protein Pathways:	Apoptosis, Cytokine-cytokine receptor interaction, Natural killer cell mediated cytotoxicity, p53 signaling pathway

Product images:



Coomassie blue staining of purified TNFRSF10B protein (Cat# [TP319808]). The protein was produced from HEK293T cells transfected with TNFRSF10B cDNA clone (Cat# [RC219808]) using MegaTran 2.0 (Cat# [TT210002]).