

## **Product datasheet for TP319808L**

## OriGene Technologies, Inc.

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## 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** >RC219808 representing NM\_147187 or AA Sequence: Red=Cloning site Green=Tags(s)

MEQRGQNAPAASGARKRHGPGPREARGARPGLRVPKTLVLVVAAVLLLVSAESALITQQDLAPQQRAAPQ QKRSSPSEGLCPPGHHISEDGRDCISCKYGQDYSTHWNDLLFCLRCTRCDSGEVELSPCTTTRNTVCQCE EGTFREEDSPEMCRKCRTGCPRGMVKVGDCTPWSDIECVHKESGIIIGVTVAAVVLIVAVFVCKSLLWKK VLPYLKGICSGGGGDPERVDRSSQRPGAEDNVLNEIVSILQPTQVPEQEMEVQEPAEPTGVNMLSPGESE HLLEPAEAERSQRRRLLVPANEGDPTETLRQCFDDFADLVPFDSWEPLMRKLGLMDNEIKVAKAEAAGHR

DTLYTMLIKWVNKTGRDASVHTLLDALETLGERLAKQKIEDHLLSSGKFMYLEGNADSAMS

**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.





**RefSeq:** NP 671716

**Locus ID:** 8795

UniProt ID: <u>014763</u>, <u>Q7Z218</u>

RefSeq Size: 4073 Cytogenetics: 8p21.3 RefSeq ORF: 1233

Synonyms: CD262; DR5; KILLER; KILLER/DR5; TRAIL-R2; TRAILR2; TRICK2; TRICK2A; TRICK2B; TRICKB;

ZTNFR9

**Summary:** 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.

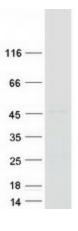
[provided by RefSeq, Mar 2009]

**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]).