

Product datasheet for PH319808

DR5 (TNFRSF10B) (NM_147187) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	TNFRSF10B MS Standard C13 and N15-labeled recombinant protein (NP_671716)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC219808
Predicted MW:	39.4 kDa
Protein Sequence:	>RC219808 representing NM_147187 Red=Cloning site Green=Tags(s)

MEQRGQNAPAASGARKRHGPGPREARGARPLRVPKTLVLVVAVLLLVSAESALITQQDLAPQQRAAPQ
QKRSSPSEGLCPPGHHISEDGRDCISCKYQDYSTHWNDLLFCLRCTRCDSGEVELSPCTTTRNTVCQCE
EGTFREEDSPEMCRKCRGTGCPGMVKVGDCTPWSIDIECVHKEGIIIGVTVAAVVLIVAVFVCKSLLWKK
VLPYLKIGICSGGGGDPERVDRSSQRPGAEDNVLNEIVSILQPTQVPEQEMEVEQPAEPTGVNMLSPGESE
HLLLEPAEAERSQRRRLV PANEGDPTETLRQCFDDFADLVPFDSWEPLMRKLGMDNEIKVAKAEAAAGHR
DTLYTMLIKWVNKTGRDASVHTLLDALETGERLAKQKIEDHLLSSGKFMYLEGNADSAMS

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_671716</u>
RefSeq Size:	4073
RefSeq ORF:	1233
Synonyms:	CD262; DR5; KILLER; KILLER/DR5; TRAIL-R2; TRAILR2; TRICK2; TRICK2A; TRICK2B; TRICKB; ZTNFR9



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Locus ID: 8795

UniProt ID: [O14763](#), [Q7Z2I8](#)

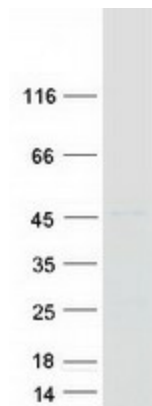
Cytogenetics: 8p21.3

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]).