

Product datasheet for PH310901

TNFSF18 (NM_005092) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	TNFSF18 MS Standard C13 and N15-labeled recombinant protein (NP_005083)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC210901
Predicted MW:	20.31 kDa
Protein Sequence:	>RC210901 representing NM_005092 Red =Cloning site Green =Tags(s) MCLSHLENMPLSHSRTQGAQRSSWKLWLFCSIVMLLFLCSFSWLIFIFLQLETAKPCMAKFGPLPSKWQ MASSEPPCVNKVSDWKLEILQNGLYLIYGQVAPNANYNDVAPFEVRLYKNKDMIQTLTNKSKIQNVGGTY ELHVGDTIDLIFNSEHQVLKNNYWGIIILLANPQFIS TR TRPLEQKLISEEDLAANDILDYKDDDDKV
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:	NP_005083
RefSeq Size:	748
RefSeq ORF:	531
Synonyms:	AITRL; GITRL; hGITRL; TL6; TNLG2A
Locus ID:	8995
UniProt ID:	Q9UNG2 , A0A0U5JXL4



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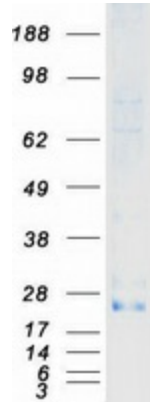
Cytogenetics: 1q25.1

Summary: The protein encoded by this gene is a cytokine that belongs to the tumor necrosis factor (TNF) ligand family. This cytokine is a ligand for receptor TNFRSF18/AITR/GITR. It has been shown to modulate T lymphocyte survival in peripheral tissues. This cytokine is also found to be expressed in endothelial cells, and is thought to be important for interaction between T lymphocytes and endothelial cells. [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome, Transmembrane

Protein Pathways: Cytokine-cytokine receptor interaction

Product images:



Coomassie blue staining of purified TNFSF18 protein (Cat# [TP310901]). The protein was produced from HEK293T cells transfected with TNFSF18 cDNA clone (Cat# [RC210901]) using MegaTran 2.0 (Cat# [TT210002]).