

Product datasheet for PH319997

TNFRSF18 (NM_004195) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	TNFRSF18 MS Standard C13 and N15-labeled recombinant protein (NP_004186)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC219997
Predicted MW:	26 kDa
Protein Sequence:	>RC219997 representing NM_004195 Red=Cloning site Green=Tags(s) MAQHGMGAFRALCGLALLCALSLGQRPTGGPGCGPGRLLLTGTGDARCCRVHTTRCCRDYPGEECCSEW DCMCVQPEFHCGDPCCTTCRHHPCPPGQVQSQGKFSFGFQCIDCASGTFSGGHEGHCKPWTDCQFGFL TVFPGNKTHNAVCPGSPPAEPLGWLTVVLLAVAACVLLLLTSAQLGLHIWQLRSQCMWPRETQLLLEVPP STEDARSCQFPEEERGERSAEKGRGLDLWW TRTRPLEQKLISEEDLAANDILDYKDDDDKV
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- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-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_004186
RefSeq Size:	1214
RefSeq ORF:	723
Synonyms:	AITR; CD357; ENERGEN; GITR; GITR-D
Locus ID:	8784
UniProt ID:	Q9Y5U5



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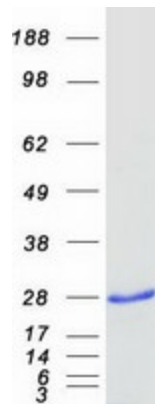
Cytogenetics: 1p36.33

Summary: This gene encodes a member of the TNF-receptor superfamily. The encoded receptor has been shown to have increased expression upon T-cell activation, and it is thought to play a key role in dominant immunological self-tolerance maintained by CD25(+)CD4(+) regulatory T cells. Knockout studies in mice also suggest the role of this receptor is in the regulation of CD3-driven T-cell activation and programmed cell death. Three alternatively spliced transcript variants of this gene encoding distinct isoforms have been reported. [provided by RefSeq, Feb 2011]

Protein Families: Druggable Genome, Secreted Protein, Transmembrane

Protein Pathways: Cytokine-cytokine receptor interaction

Product images:



Coomassie blue staining of purified TNFRSF18 protein (Cat# [TP319997]). The protein was produced from HEK293T cells transfected with TNFRSF18 cDNA clone (Cat# [RC219997]) using MegaTran 2.0 (Cat# [TT210002]).