

Product datasheet for **TP319997M**

TNFRSF18 (NM_004195) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human tumor necrosis factor receptor superfamily, member 18 (TNFRSF18), transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC219997 representing NM_004195 Red =Cloning site Green =Tags(s) MAQHGAMGAFRALCGLALLCALSLGQRPTGGPGCGPGRLLLGTGTDARCCRVHTTRCCRDYPGEECCSEW DCMCVQPEFHCGDPCCTTCRHHPCPPGQGVQSQGKFSFGFQCIDCASGTFSGGHEGHCKPWTDCQFGFL TVFPGNKTHNAVCVPGSPPAEPLGWLTWVLLAVAACVLLLTSAQLGLHIWQLRSQCMWPRETQLLLEVPP STEDARSCQFPEEERGERSAEKGRLLGDLWW TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	23.5 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
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:	<u>NP_004186</u>
Locus ID:	8784



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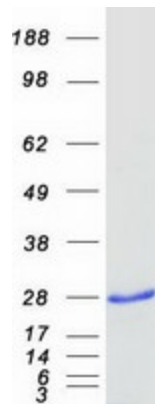
UniProt ID: [Q9Y5U5](#)
RefSeq Size: 1214
Cytogenetics: 1p36.33
RefSeq ORF: 723
Synonyms: AITR; CD357; ENERGEN; GITR; GITR-D

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]).