

Product datasheet for **AR51970PU-S**

TNFRSF18 / GITR (26-162, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	TNFRSF18 / GITR (26-162, His-tag) human protein, 50 µg
Species:	Human
Expression Host:	Insect
Expression cDNA Clone or AA Sequence:	QRPTGGPGCG PGRLLLTGT DARCCRVHTT RCCRDYPGEE CCSEWDCMCV QPEFHCGDPC CTTCRHHPCP PGQGVQSQ GK FSGFQCIDC ASGTFSGGHE GHCKPWT DCT QFGFLTVPFG NKTHNAVCP GSPPAEPLH HHHHH
Tag:	His-tag
Predicted MW:	15.6 kDa
Concentration:	lot specific
Purity:	>95% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.
Endotoxin:	< 1.0 EU per 1 microgram of protein (determined by LAL method)
Preparation:	Liquid purified protein
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_004186
Locus ID:	8784
UniProt ID:	Q9Y5U5
Cytogenetics:	1p36.33
Synonyms:	AITR; CD357; ENERGEN; GITR; GITR-D



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Summary:

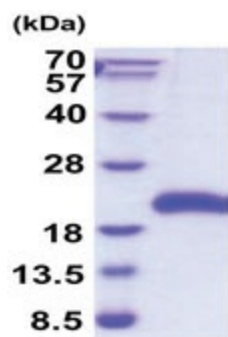
This gene encodes a member of the TNF-receptor superfamily. The encoded receptor has been shown to have increased expression upon T-cell activation, and it is thought to play a key role in dominant immunological self-tolerance maintained by CD25(+)CD4(+) regulatory T cells. Knockout studies in mice also 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:

15% SDS-PAGE (3ug)