Recombinant Human tumor necrosis factor receptor superfamily, member 18 Protein, Flag tagged

Cat. No. TNFRSF18-262H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human GITR/TNFRSF18/AITR protein (Q9Y5U5-1) (Gln 26-Pro 162) with a Flag tag at the C-terminus was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	26-162aa
Description	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. Receptor for TNFSF18. Seems to be involved in interactions between activated T-lymphocytes and endothelial cells and in the regulation of T-cell receptor-mediated cell death. Mediated NF-kappa-B activation via the TRAF2/NIK pathway.
Tag	C-Flag
Molecular Mass	16.2 kDa

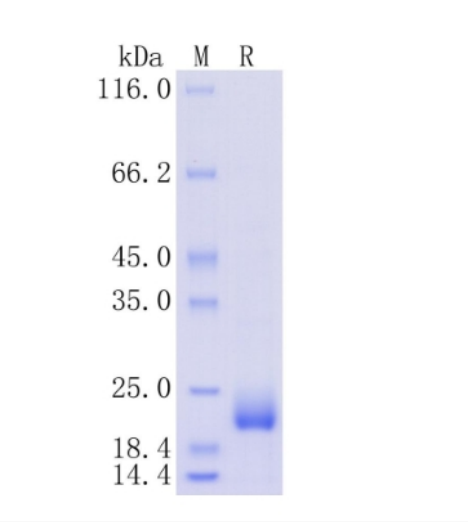
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Endotoxin	Less than 1.0 EU/μg by the LAL method.
Purity	>95% as determined by SDS-PAGE.
Storage	Please avoid repeated freeze-thaw cycles. Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade. It is recommended that aliquot the reconstituted solution to minimize freeze-thaw cycles.
Storage Buffer	Lyophilized from a 0.2 μm filtered solution of PBS, pH7.4, 5% Trehalose, 5% mannitol.
Reconstitution	Reconstitute at 250 μg/mL in sterile water.

GENE INFORMATION

Gene Name	TNFRSF18 tumor necrosis factor receptor superfamily, member 18 [Homo sapiens (human)]
Official Symbol	TNFRSF18
Synonyms	TNFRSF18; tumor necrosis factor receptor superfamily, member 18; tumor necrosis factor receptor superfamily member 18; AITR; CD357; GITR; activation-inducible TNFR family receptor; glucocorticoid-induced TNFR-related protein; TNF receptor superfamily activation-inducible protein; GITR-D;
Gene ID	8784
mRNA Refseq	NM_004195
Protein Refseq	NP_004186

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MIM	603905
UniProt ID	Q9Y5U5
Protein on SDS-PAGE under reducing (R) condition.	

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