

Recombinant Human TNFRSF18 Protein

Cat. No. TNFRSF18-661H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human TNFRSF18 protein without tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	241
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.
Form	Lyophilized
Molecular Mass	15.4 kDa
AA Sequence	MAQHGMGAFRALCGLALLCALS LGQRPTGGPGCGPGRLLLGTGTDARCCRVHTT RCCRDYPGEECCSEWDCMCVQPEFHCGDPCCTTCRHHPCPPGQGVQSQGKFSF GFQCIDCASGTFSGGHEGHCKPWT DCTQFGFLTVPGNKTHNAVCPGSPPAEPL GWLTVVLLAVAACVLLLTSAQLGLHIWQLRSQCMWPRETQLLLEVPPSTEDARSCQ FPEEERGERSAEEKGRLGDLWV

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Purity	> 98%
Applications	WB; ELISA; FACS; FC
Stability	This bioreagent is stable at 4 centigrade (short-term) and -70 centigrade(long-term). After reconstitution, sample may be stored at 4 centigrade for 2-7 days and below -18 centigrade for future use.
Storage	At -20 centigrade.
Concentration	1 mg/mL
Storage Buffer	PBS (pH 7.4-7.5). Sterile-filtered colorless solution.
Reconstitution	Reconstitute in sterile distilled H2O to no less than 100 µg/mL; dilute reconstituted stock further in other aqueous solutions if needed. Please review COA for lot-specific instructions. Final measurements should be determined by the end-user for optimal performance.

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;

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Gene ID	8784
mRNA Refseq	NM_004195
Protein Refseq	NP_004186
MIM	603905
UniProt ID	Q9Y5U5

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