

Recombinant Human TNFSF18 with His Tag

Catalog No.	CRA300A CRA300B CRA300C	Quantity:	5 µg 20 µg 1 mg
Alternate Names:	AITRL, AITR ligand, GITRL, TL6		
Description:	Recombinant human TNFSF18 with His Tag contains 125 amino acid residues of human TNFSF18 and 14 additional amino acid residues-His Tag. The amino acid sequence of recombinant human TNFSF18 is homologous to the extracellular domain of human TNF18, Thr53-Ser177.		
GenelD:	8995		
Protein Accession No:	NP_005083		
Source:	<i>E. coli</i>		
Molecular Weight:	15.7 kDa		
Formulation:	Lyophilized from a sterile filtered solution containing 0.03 M acetate buffer, pH 4.0		
Purity:	> 95% as determined by SDS-PAGE analysis		
Endotoxin Level:	< 0.1 ng/µg of TNFSF18		
Amino Acid Sequence:	MRGSHHHHHH GMASTAKEPC MAKFGPLPSK WQMASSEPPC VNKVSDWKLE ILQNGLYLIY GQVAPNANYNDVAPFEVRLY KNKDMIQTLT NKSKIQNVGG TYELHVGDTI DLIFNSEHQV LKNNTYWGII LLANPQFIS		
Reconstitution:	Centrifuge vial prior to opening. Add 0.2 ml of 0.1 M acetate buffer, pH 4.0 to the vial to fully solubilize the protein. For conversion into higher pH value, we recommend intensive dilution by relevant buffer to a concentration of 10 µg/ml. In higher concentrations the solubility of this antigen is limited.		
Storage & Stability:	Store lyophilized protein at -20°C to -80°C. Reconstituted protein is stable for 1 week at 2-4°C. For long term storage, aliquot and store at -20°C to -80°C with a carrier protein (0.1% HSA or BSA) as a stabilizer. Please note that the addition of any carrier protein into this product may produce unwanted endotoxin. This depends upon the particular application employed. Avoid repeated freeze-thaw cycles.		

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