

Recombinant human TNFSF18/GITRL protein ab50093

Description

Product name	Recombinant human TNFSF18/GITRL protein
Biological activity	Biological activity: Use at a concentration of 1 - 10 ng/ml to stimulate IL8 production by human PBMC. Results may vary with PBMC donors.
Purity	> 95 % SDS-PAGE. Greater than 98% by SDS-PAGE and HPLC analyses.
Expression system	Escherichia coli
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Human
Sequence	METAKEPCMAKFGPLPSKWQMASSEPPCVNKVSDWKL EILQNGLYLIYGQ VAPNANYNDVAPFEVRLYKNKDMIQTLTNKSKIQNVGGTY ELHVGDTIDL IFNSEHQVLKNNTYWGILLANPQFI
Amino acids	52 to 176
Additional sequence information	Contains 127 amino acid residues corresponding to the extracellular domain of TNFS18 / GITRL.

Specifications

Our **Abpromise guarantee** covers the use of **ab50093** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE Functional Studies
Form	Lyophilized
Additional notes	Protein previously known as TNFSF18.

Preparation and Storage

Stability and Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles. This product is an active protein and may elicit a biological response in vivo, handle with caution.
Reconstitution	Centrifuge the vial prior to opening. Reconstitute in water to a concentration of 0.1-1.0 mg/ml. This

solution can then be diluted into other aqueous buffers and stored at 4 degC for 1 week or -20 degC for future use.

General Info

Function	Cytokine that binds to TNFRSF18/AITR/GITR. Important for interactions between activated T-lymphocytes and endothelial cells and may modulate T-lymphocyte survival in peripheral tissues.
Tissue specificity	Expressed at high levels in the small intestine, ovary, testis, kidney and endothelial cells.
Sequence similarities	Belongs to the tumor necrosis factor family.
Cellular localization	Membrane.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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