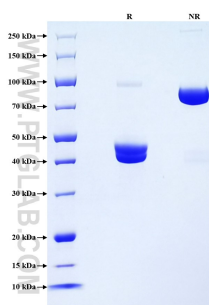


Recombinant Human TNFSF18 protein (hFc Tag)

Catalog Number: Eg0067

Basic Information	Species: Human	Purity: >90 %, SDS-PAGE	Tag: hFc Tag
Technical Specifications	Purity: >90 %, SDS-PAGE Endotoxin Level: <0.1 EU/ µg protein, LAL method Source: HEK293-derived Human TNFSF18 protein Gln50-Ser177 (Accession# Q9UNG2) with a human IgG1 Fc tag at the N-terminus. GeneID: 8995 Accession: Q9UNG2 Predicted Molecular Mass: 40.9 kDa SDS-PAGE: 40-48 kDa, reducing (R) conditions Formulation: Lyophilized from 0.22 µm filtered solution in PBS, pH 7.4. Normally 5% trehalose and 5% mannitol are added as protectants before lyophilization.		
Biological Activity	Not tested		
Storage and Shipping	Storage: It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. • Until expiry date, -20°C to -80°C as lyophilized proteins. • 3 months, -20°C to -80°C under sterile conditions after reconstitution. Shipping: The product is shipped at ambient temperature. Upon receipt, store it immediately at the recommended temperature.		
Reconstitution	Briefly centrifuge the tube before opening. Reconstitute at 0.1-0.5 mg/mL in sterile water.		
Background	TNFSF18 is also named as Glucocorticoid-induced TNF-related ligand (hGITRL). GITR is a gene coding for a member of the TNF receptor superfamily. GITR activation by its ligand (GITRL) influences the activity of effector and regulatory T cells, thus participating in the development of immune response against tumours and infectious agents, as well as in autoimmune and inflammatory diseases. GITR-GITRL interactions co-stimulate both responder T-cell functions and the suppressive functions of TReg cells. GITRL is expressed at high levels in the small intestine, ovary, testis, kidney and endothelial cells.		
References	1. Giuseppe Nocentini, et al. (2007) Eur J Immunol. 37(5):1165-9. 2. Ethan M Shevach, et al. (2006) Nat Rev Immunol. 6(8):613-8. 3. Pedro M L, et al. (2013) J Pharmacol Exp Ther. 347(1):164-72.		
Synonyms	TNFSF18, Activation-inducible TNF-related ligand, AITRL, GITRL, Glucocorticoid-induced TNF-related ligand		

Selected Validation Data



Purity of Recombinant Human TNFSF18 was determined by SDS-PAGE. The protein was resolved in an SDS-PAGE in reducing (R) and non-reducing (NR) conditions and stained using Coomassie blue.

For technical support and original validation data for this product please contact

T: 027-87531629

E: Proteintech-CN@ptglab.com

W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.