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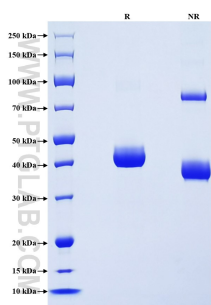
Recombinant Mouse TNFSF18 protein (rFc Tag)



Catalog Number: Eg2850

| Basic Information | Species: Mouse | Purity: >90 %, SDS-PAGE | Tag: rFc Tag |
|--------------------------|---|----------------------------|-----------------|
| Technical Specifications | <p>Purity: >90 %, SDS-PAGE</p> <p>Endotoxin Level: <0.1 EU/ µg protein, LAL method</p> <p>Source: HEK293-derived Mouse TNFSF18 protein Thr47-Ser173 (Accession# Q7TS55) with a rabbit IgG Fc tag at the C-terminus.</p> <p>GeneID: 240873</p> <p>Accession: Q7TS55</p> <p>Predicted Molecular Mass: 40.5 kDa</p> <p>SDS-PAGE: 39-48 kDa, reducing (R) conditions</p> <p>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.</p> | | |
| Biological Activity | Not tested | | |
| Storage and Shipping | <p>Storage: It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.</p> <ul style="list-style-type: none">• Until expiry date, -20°C to -80°C as lyophilized proteins.• 3 months, -20°C to -80°C under sterile conditions after reconstitution. <p>Shipping: The product is shipped at ambient temperature. Upon receipt, store it immediately at the recommended temperature.</p> | | |
| Reconstitution | Briefly centrifuge the tube before opening. Reconstitute at 0.1-0.5 mg/mL in sterile water. | | |
| Background | <p>TNFSF18 is also named as Glucocorticoid-induced TNF-related ligand (GITRL). 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.</p> | | |
| References | <ol style="list-style-type: none">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 | GITR ligand, GITRL, Glucocorticoid-induced TNF-related ligand, Tnfsf18, Tumor necrosis factor ligand superfamily member 18 | | |

Selected Validation Data



Purity of Recombinant Mouse 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

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