

Recombinant Mouse GITR/TNFRSF18 Protein (Fc Tag)

RPES8506



Product Information

Product SKU: RPES8506	Expression Host: Mammalian	Size: 20µg
Tag: C-Fc	Reactivity: Mouse	Accession: O35714

Additional Information

Calculated MW: 39.6 kDa	Observed MW: 50 kDa
Sequence: Gln20-His153	

Protein Information

Background: GITR, also known as TNFRSF18(CD357), belongs to the tumor necrosis factor receptor (TNF-R) superfamily. It is the receptor for TNFSF18. GITR plays a key role in dominant immunological self-tolerance maintained by CD25(+)CD4(+) regulatory T cells. GITR may be involved in interactions between activated T-lymphocytes and endothelial cells and in the regulation of T-cell receptor-mediated cell death. GITR and its ligand are important costimulatory molecules in the pathogenesis of autoimmune diseases. It also mediates NF-kappa-B activation via the TRAF2/NIK pathway.

Synonyms: Tumor necrosis factor receptor superfamily member, Tnfrsf, AITR, CD357, GITR-D, Glucocorticoid-induced TNFR-related protein, Tumor necrosis factor receptor superfamily member 18, Gitr, Tnfrsf18, GITR, AITR

Endotoxin: < 1.0 EU/mg of the protein as determined by the LAL method

Formulation: Lyophilized from a 0.2 µm filtered solution in PBS with 5% Trehalose and 5% Mannitol.

Purity: > 90% as determined by reducing SDS-PAGE.

Bio-Activity: Not validated for activity

Storage: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

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