

Recombinant Human GITR/TNFRSF18 Protein (Fc Tag)

RPE8378



Product Information

Product SKU:	RPE8378	Expression Host:	Mammalian	Size:	20µg
Tag:	C-Fc	Reactivity:	Human	Accession:	Q9Y5U5

Additional Information

Calculated MW:	39.9 kDa	Observed MW:	45 kDa
Sequence:	Gln26-Glu161		

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:	UNQ, PRO, Tumor necrosis factor receptor superfamily member, Tnfrsf, CD357, Glucocorticoid-induced TNFR-related protein, Tumor necrosis factor receptor superfamily member 18, AITR, GITR, TNFRSF18, UNQ319, PRO364, 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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