Recombinant Human TNFRSF18 Protein, C-hFc-tagged, Biotinylated

Product Information

Cat	*IMP-1605*
Official Symbol	*TNFRSF18*
Product Overview	*Recombinant human TNFRSF18 (Q9Y5U5-1) (Met1-Glu161) was expressed with the Fc region of human IgG1 at the C-terminus. The purified protein was biotinylated in vitro.*
Description	*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.*
Expression System	*HEK293*
Species	*Human*
Tag	*C-hFc*
Predicted N Terminal	*Gln 26*
Form	*Lyophilized from sterile PBS, pH 7.4, 5 % trehalose, 5% mannitol and 0.01% Tween80.*
Molecular Mass	*The recombinant human TNFRSF18 consists of 377 amino acids and predicts a molecular mass of 41.5 kDa.*
Protein length	*Met1-Glu161*
Endotoxin	*< 1.0 EU/μg protein as determined by the LAL method.*
Purity	*> 95 % as determined by SDS-PAGE*
Storage	*Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade. Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.*
Reconstitution	*A hardcopy of COA with reconstitution instruction is sent along with the products. Please refer to it for detailed information.*
SDS-PAGE	

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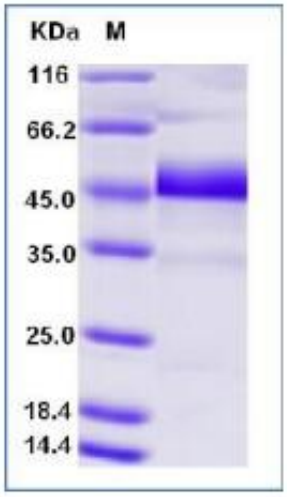

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