Mouse GITR Ligand/TNFSF18 Protein

Cat. No. FSF-MM218

Description

Source	Recombinant Mouse GITR Ligand/TNFSF18 Protein is expressed from HEK293 with hFc tag at the N-Terminus.
	It contains Thr47-Ser173.
Accession	Q7TS55
Molecular Weight	The protein has a predicted MW of 41.8 kDa. Due to glycosylation, the protein migrates to 50-60 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1 EU per μg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE

Formulation and Storage

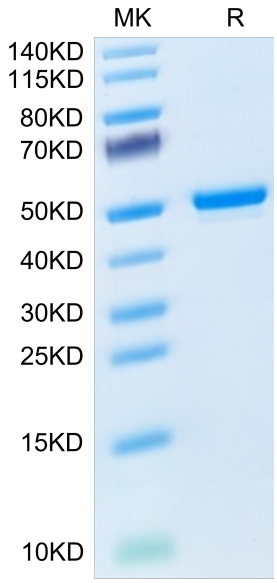
Formulation	Lyophilized from 0.22μm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Dissolve the lyophilized protein in distilled water. Please refer to the Certificate of Analysis for detailed instructions.
Storage	-20 to -80°C for 12 months as supplied from date of receipt.-80°C for 3 months after reconstitution.Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background

Glucocorticoid-induced TNFR-related protein (TNFRSF18, GITR, CD357), expressed by T cells, and its ligand (TNFSF18, GITRL), expressed by myeloid populations, provide co-stimulatory signals that boost T cell activity. Due to the important role that GITR plays in regulating immune functions, agonistic stimulation of GITR is a promising therapeutic concept.

Assay Data

Bis-Tris PAGE



Mouse GITR Ligand on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.