

Mouse GITR/TNFRSF18 Protein, Ultra Low Endotoxin



Cat. No. GTR-MM101-UL

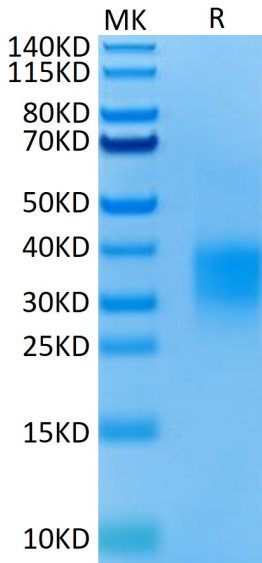
Description	
Source	Recombinant Mouse GITR/TNFRSF18 Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Ser22-His153.
Accession	Q8C4K3
Molecular Weight	The protein has a predicted MW of 15.2 kDa. Due to glycosylation, the protein migrates to 30-40 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 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	
GITR (glucocorticoid-induced tumor necrosis factor receptor), also known as AITR and TNFRSF18, is a 40 kDa transmembrane glycoprotein that functions in immune regulation.GIRT is a receptor for TNFSF18. Seems to be involved in interactions between activated T-lymphocytes and endothelial cells and in the regulation of T-cell receptor-mediated cell death. Mediated NF-kappa-B activation via the TRAF2/NIK pathway.	

Assay Data

Bis-Tris PAGE



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