

Mouse GITR/TNFRSF18 Protein

Cat. No. GTR-MM101

Description

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| 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 1EU per µg by the LAL method. |
| Purity | > 95% as determined by Bis-Tris PAGE |

Formulation and Storage

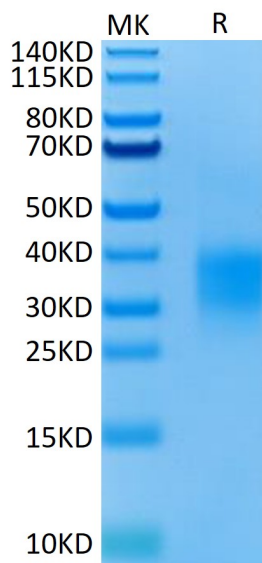
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|-----------------------|---|
| Formulation | Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization. |
| Reconstitution | Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water. |
| 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%.