Recombinant Mouse GITR/TNFRSF18 Protein (Fc &His Tag)

Catalog Number: PKSM041029

Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

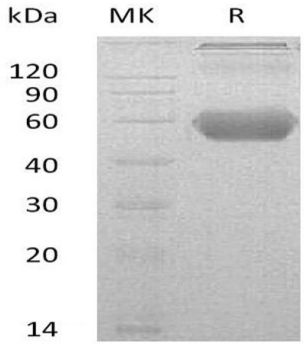
Description

Species	Mouse
Source	HEK293 Cells-derived Mouse GITR/TNFRSF18 protein Ser22-His153, with an C-terminal Fc & His
Calculated MW	42.3 kDa
Observed MW	60 kDa
Accession	O35714
Bio-activity	Not validated for activity

Properties

Purity	> 90 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
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.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4. Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
Reconstitution	Please refer to the printed manual for detailed information.

Data



> 90 % as determined by reducing SDS-PAGE.

Background

Tumor necrosis factor receptor superfamily member 18(Gitr) contains 3 TNFR-Cys repeats and it have four isforms. IsformA、isformB and isformC is single-pass type I membrane protein and isformD is a secreted protein. The protein is the receptor for TNFSF18.It seems to be involved in interactions between activated T-lymphocytes and endothelial cells and in the regulation of T-cell receptor-mediated cell death. It mediated NF-kappa-B activation via the TRAF2/NIK pathway.It binds to TRAF1, TRAF2, and TRAF3, but not TRAF5 and TRAF6 and binds through its C-terminus to SIVA1/SIVA.It preferentially expressed in activated T lymphocytes and up-regulated in peripherical mononuclear cells after antigen stimulation/lymphocyte activation.

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