

Human CellExp™ GITR / TNFRSF18, Human recombinant

CATALOG #: 9231-10 10 µg
9231-50 50 µg

ALTERNATE NAMES: AITR, GITR, TNFRSF18, CD357

SOURCE: HEK 293 cells (Gln 26 - Glu 161)

PURITY: ≥ 92% by SDS-PAGE gel

MOL. WEIGHT: This protein is fused with a 6x His tag at C-terminus and the protein has a calculated MW of 15.4 kDa. The predicted N-terminus is Gln 26. DTT-reduced protein migrates as 22-25 kDa in SDS-PAGE due to glycosylation.

ENDOTOXIN LEVEL: <1 EU/µg by LAL method

FORM: Lyophilized

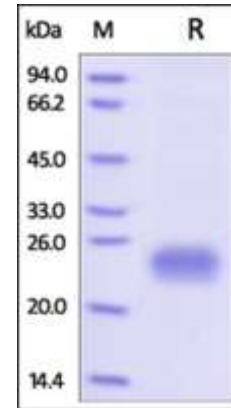
FORMULATION: Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally Mannitol or Trehalose is added as a protectant before lyophilization.

STORAGE CONDITIONS: Store at -20°C. After reconstitution, aliquot and store at -20°C and use within 3 months. Avoid repeated freezing and thawing cycles.

RECONSTITUTION: Centrifuge the vial prior to opening. Reconstitute in sterile PBS, pH 7.4 to a concentration of 50 µg/ml. Do not vortex. This solution can be stored at 2-8°C for up to 1 month. For extended storage, it is recommended to store at -20°C.

DESCRIPTION: Glucocorticoid-induced TNFR-related protein (GITR) is also known as Tumor necrosis factor receptor superfamily member 18 (TNFRSF18), activation-inducible TNFR family receptor (AITR), CD antigen CD357, which is a member of the tumor necrosis factor receptor (TNF-R) superfamily. GITR is receptor for TNFSF18, which seems to be involved in interactions between activated T-lymphocytes and endothelial cells and in the regulation of T-cell receptor-mediated cell death. GITR also mediated NF-kappa-B activation via the TRAF2/NIK pathway.

BIOLOGICAL ACTIVITY: Measured by its binding ability in a functional ELISA. Immobilized Human GITR, His Tag at 2 µg/ml (100 µl/well) can bind Human GITR Ligand, Fc Tag with a linear range of 0.8-25 ng/ml.



The purity of rhGITR /TNFRSF18 was determined by SDS-PAGE under reducing (R) condition and staining overnight with Coomassie Blue

RELATED PRODUCTS:

- AITRL, human recombinant (**Cat. No. 7113-10, -50**)
- Human CellExp™ CD166/ ALCAM, human recombinant (**Cat. No. 7437-10, -50**)
- Human CellExp™ CD172A / SIRP, human recombinant (**Cat. No. 7506-10, -50**)
- Human CellExp™ CD33 / SIGLEC-3, human recombinant (**Cat. No. 7370-10, -50**)
- Human CellExp™ CD47, human recombinant (**Cat. No. 7385-10, -50**)
- Human CellExp™ CD55/DAF, human recombinant (**Cat. No. 7432-10, -50**)
- Human CellExp™ CD58 /LFA-3, human recombinant (**Cat. No. 7427-10, -50**)
- Human CellExp™ CD62E/E-Selectin, human recombinant (**Cat. No. 7434-20, -100**)
- Human CellExp™ CD71 / TFRC / TFR, human recombinant (**Cat. No. 7279-10, -50**)
- Human CellExp™ CD74/DHLAG, human recombinant (**Cat. No. 7387-10, -50**)
- Human CellExp™ CD223, human recombinant (**Cat. No. 7278-10, -50**)
- Human CellExp™ CD71, human recombinant (**Cat. No. 7279-10, -50**)
- Human CellExp™ CD273, human recombinant (**Cat. No. 7369-10, -50**)
- Human CellExp™ CD36, human recombinant (**Cat. No. 7371-10, -50**)

FOR RESEARCH USE ONLY! Not to be used on humans.