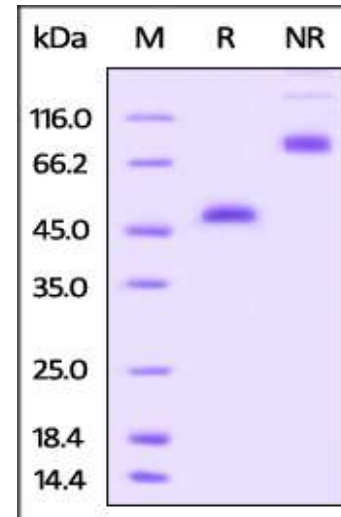


Human CellExp™ GITR / TNFRSF18, Rhesus macaque recombinant

CATALOG NO:	P1083-10 10 µg P1083-50 50 µg
ALTERNATE NAMES:	AITR, GITR, TNFRSF18, CD357
SOURCE:	HEK 293 cells (Gln 26 - Glu 161)
PURITY:	> 95% by SDS – PAGE
MOL. WEIGHT:	This protein is fused with human IgG1 Fc tag at C terminus and the protein has a calculated MW of 41.3 kDa. The predicted N-terminus is Gln 26. The protein migrates as 48 kDa under reducing (R) condition and 85 kDa under non-reducing (NR) condition on SDS-PAGE gel due to glycosylation.
ENDOTOXIN LEVEL:	< 1.0 EU per 1µg of protein (determined by LAL method)
FORM:	Lyophilized
FORMULATION:	Lyophilized from 0.22 µm filtered solution in PBS, pH 7.4. Generally Mannitol or Trehalose is added as a protectant before lyophilization.
STORAGE CONDITIONS:	Store at -20°C. After reconstitution, aliquot and store at -80°C and use within 3 months. Avoid repeated freezing and thawing cycles.
RECONSTITUTION:	Centrifuge the vial prior to opening. Reconstitute in sterile deionized water to a concentration of 50 µg/ml. Solubilize for 30 to 60 minutes at room temperature with occasional gentle mixing. Carrier protein (0.1% (W/V) HSA or BSA) is recommended for further dilution and long term storage. 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 -80°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.



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

RELATED PRODUCT:

- Human CellExp™ GITR / TNFRSF18, human recombinant (**Cat. No. 9231-10, 50**)
- GITR / TNFSF18 Polyclonal Antibody (**Cat. No. A1086-50**)
- Human CellExp™ M-CSF R/CSF1R/CD115, cynomolgus recombinant (**Cat. No. P1078-10, -50**)
- Human CellExp™ M-CSF R/CSF1R/CD115, mouse recombinant Fc tag (**Cat. No. P1079-10, -50**)
- Human CellExp™ CD160/BY55, human recombinant (**Cat. No. 7386-10, -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**)

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