

Recombinant Human AITRL protein(His Tag)

Catalog Number:PKSH034121



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

Description

Synonyms	TL6;GITRL;TNLG2A;hGITRL;TNFSF18
Species	Human
Expression Host	E.coli
Sequence	Gln 50-Ile 176(L170I, F175E)
Accession	Q9UNG2
Calculated Molecular Weight	15.3 kDa
Observed molecular weight	11 kDa
Tag	C-His
Bioactivity	Measure by its ability to induce IL-8 secretion in human PBMC using a concentration range of 5-200 ng /mL. Note: Result may vary from different PBMC donors.

Properties

Purity	> 98 % as determined by reducing SDS-PAGE.
Endotoxin	< 0.1 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 sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 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.

Background

The protein encoded by this gene is a cytokine that belongs to the tumor necrosis factor (TNF) ligand family. This cytokine is a ligand for receptor TNFRSF18/AITR/GITR. It has been shown to modulate T lymphocyte survival in peripheral tissues. This cytokine is also found to be expressed in endothelial cells, and is thought to be important for interaction between T lymphocytes and endothelial cells.

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