

TNFSF18, 72-199aa, Human, E.coli

Cat.NO.: TP04264

3th Edition

Synonyms:Tumor necrosis factor (ligand) superfamily member 18, AITRL, TL6, GITRL, hGITRL

Description:TNFSF18, also known as GITRL, belongs to the tumor necrosis factor(TNF) ligand family. This cytokine is a ligand for receptor TNFRSF18/AITR/GITR. It is Important for interactions between activated T-lymphocytes and endothelial cells and may 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. Recombinant human TNFSF18 protein was expressed in E.coli and purified by conventional chromatography, after refolding of the isolated inclusion bodies in a renaturation buffer.

Form:Liquid. In 10mM sodium citrate (pH 3.5), 10% glycerol, 1mMDTT

Molecular Weight:14.6kDa (129aa), confirmed by MALDI-TOF

Sequences:

MQLETAKEPCMAKFGPLPSKWQMASSEPPCVNKVSDWKLEILQNGLYLIYGQVAPNANYNDVAPFEVRLYKNKDM
IQTLTNKSKIQNVGGTYELHVGDTIDLIFNSEHQVLKNNTYWGIIILLANPQFIS

Purity:> 95% by HPLC

Concentration:0.5mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.