

TNFSF18, 50-177aa , Human, His tag, E.coli

Cat.NO.: TP04263

3th Edition

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

Description:TNFSF18 also known as tumor necrosis factor ligand superfamily member 18 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. Recombinant human TNFSF18 protein, fused to His-tag at C-terminus, was expressed in E.coli.

Form:Liquid, In 20mM Tris-HCl buffer(pH8.0) containing 10% glycerol

Molecular Weight:15.6kDa (137aa)

Sequences:

MQLETAKEPCMAKFGPLPSKWQMASSEPPCVNKVSDWKLEILQNGLYLIYGQVAPNANYNDVAPFEVRLYKNKDM
IQTLTNKSKIQNVGGTYELHVGDTIDLIFNSEHQVLKNNTYWGIIIANPQEISLEHHHHHH

Purity:> 95% by HPLC

Concentration:1mg/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.