

RMCH049

Recombinant AITRL (Activation-induced TNFR member ligand), Human ,AF



Order 021-34695924
orders@ab-mart.com
Support 400-6123-828
support1@ab-mart.com
Web www.ab-mart.com.cn

5ug;20ug;100ug;500ug;

Synonym/Alternative name(s):

TL6, GITRL, TNLG2A, hGITRL, TNFSF18

Activity:

Measure by its ability to induce IL-8 secretion in human PBMCs.

The ED50 for this effect is <2.5 ng/mL.

Protein Description:

AITRL is a member of the TNF superfamily which is expressed in endothelial cells and signals through the AITR receptor. AITRL regulates T-cell proliferation and survival. It also effectuates the interaction between T lymphocytes and endothelial cells. The AITRL gene codes type II transmembrane protein comprised of 177 amino acids, including a 28 amino acid cytoplasmic region, a 21 amino acid transmembrane domain and a 128 amino acid extracellular domain.

Protein Accession : Q9UNG2.3

Gene ID : 8995

Expression Sequence:

MQLETAKEPCMAKFGPLPSKWQMASSEPPCVNKVSDWKLEILQNGLYLIYGQVAPNANYNDVAPFEVRLYKNKDMIQTLTNKSKIQN VGGTYELHVGDTIDLIFNSEHQVLKNNTYWGII LIANPQEI with polyhistidine tag at the C-terminus.

Fusion tag : His-tag?at?the?C-terminus

Species : Human

Reactivity : Human

Expression Host : Escherichia coli

Source : E. coli

Purity/method:

>98% as determined by SDS-PAGE. Ni-NTA chromatography

Endotoxin level:

<0.1 EU per 1 µg of the protein by the LAL method.

Calculated Molecular Weight : 15.34 kDa

Formulation:

The protein was lyophilized from a solution containing 1X PBS, pH 7.4.

Reconstitution:

It is recommended to reconstitute the lyophilized protein in sterile H₂O to a concentration not less than 100 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.

Shipping : Blue Ice

Stability and Storage:

Lyophilized protein should be stored at -20°C for 1 year.

Upon reconstitution, store at 2°C to 8°C for up to 1 week. Further dilute in a buffer containing a carrier protein or stabilizer (e.g. 0.1%

BSA, 10%FBS, 5%HSA or 5% trehalose solution), protein aliquots should be stored at -20°C or -80°C for 3-6 months.

Category : Cytokines

Application : Cell culture, Elisa

Image:

kDa

75-

63-

48-

35-

25-

17-

17-



SDS- PAGE analysis of recombinant human
AITRL