Recombinant human RELT/TNFRSF19L protein

Catalog Number: ATGP3847

PRODUCT INFORMATION

Expression system
Baculovirus

Domain
26-162aa

UniProt No.
Q969Z4

NCBI Accession No.
NP_689408

Alternative Names
Tumor necrosis factor receptor superfamily member 19L, RELT, TNFRSF19L, TRLT, RELT tumor necrosis factor receptor, Receptor expressed in Lymphoid tissues

PRODUCT SPECIFICATION

Molecular Weight
41.4 kDa (376aa)

Concentration
0.5mg/ml (determined by absorbance at 280nm)

Formulation
Liquid in. Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol

Purity
> 90% by SDS-PAGE

Endotoxin level
< 1 EU per 1ug of protein (determined by LAL method)

Tag
hIgG-His-Tag

Application
SDS-PAGE

Storage Condition
Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description
RELT, also known tumor necrosis factor receptor superfamily member 19L, is one of the the tumor necrosis factor receptor superfamily. It is expressed in hematopoietic tissues and peripheral blood leukocytes. This protein mediates activation of NF-kappa-B and plays a role in T-cell activation. With overexpression of this

protein in HEK-293 cells, it induces p38 and JNK signaling and activates apoptosis. And it can also costimulate T-cell proliferation in the presence of CD3 signaling. Recombinant human RELT protein, fused to hIgG-His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Amino acid Sequence

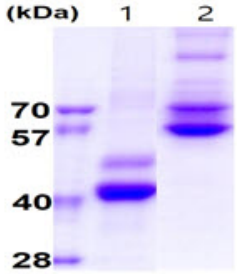
STTLWQCPPG EEPDLDPGQG TLCRPCPPGT FSAAWGSSPC QPHARCSLWR RLEAQVGMAT RDTLCGDCWP GWFGPWGVPR VPCQPCSWAPLGTHGCDEWG RRARRGVEVA AGASSGGETR QPGNGTRAGG PEETAAQVEP KSCDKTHTCP PCPAPELLGG PSVFLFPPKP KDTLMISRTP EVTCVVVDVS HEDPEVKFNW YVDGVEVHNA KTKPREEQYN STYRVVSVLT VLHQDWLNGK EYKCKVSNKA LPAPIEKTIS KAKGQPREPQ VYTLPPSRDE LTKNQVSLTC LVKGFYPSDI AVEWESNGQP ENNYKTTPPV LDSDGSFFLY SKLTVDKSRW QQGNVFSCSV MHEALHNHYT QKSLSLSPGK HHHHHH

General References

Cusick JK., et al, (2010) Cell Immunol. 261:1-8.
Moua P., et al, (2017) Biochem Biophys Res Commun. 491:25-32.

DATA

SDS-PAGE



15% SDS-PAGE (3ug)
Lane 1: reducing conditions
Lane 2: non-reducing conditions

3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.