Recombinant mouse CD5L protein

Catalog Number: ATGP3206

PRODUCT INFORMATION

Expression system
Baculovirus

Domain
22-352aa

UniProt No.
Q9QWK4

NCBI Accession No.
AAH94459

Alternative Names
Cd5l, Apoptosis inhibitory 6, CT-2, SP-alpha, AAC-11

PRODUCT SPECIFICATION

Molecular Weight
37.6 kDa (339aa)

Concentration
0.25mg/ml (determined by absorbance at 280nm)

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

Purity
> 95% by SDS-PAGE

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

Tag
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
CD5L, also known as CD5 antigen-like, plays a role in the regulation of the immune system. CD5L which is a secreted glycoprotein and expressed by macrophages presenting lymphoid tissues such as bone marrow, lymph node and thymus is up-regulated in macrophage at inflammatory sites. It sustains inflammatory reactions by both increasing the phagocytic capacity of macrophage and impeding the apoptosis of local macrophages, NK

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cells and T cells. Recombinant mouse CD5L, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Amino acid Sequence

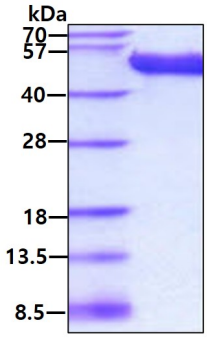
ESPTKVQLVG GAHRCEGRVE VEHNGQWGTV CDDGWDRRDV AVVCRELNCG AVIQTPRGAS YQPPASEQRV LIQGVDCNGT EDTLAQCELN YDVFDCSHEE DAGAQCENPD SDLLFIPEDV RLVDGPGHCQ GRVEVLHQSQ WSTVCKAGWN LQVSKVVCRQ LGCGRALLTY GSCNKSTQGK GPIWMGKMSC SGQEANLRSC LLSRLENNCT HGEDTWMECE DPFELKLVGG DTPCSGRLEV LHKGSWGSVC DDNWGEKEDQ VVCKQLGCGK SLHPSPKTRK IYGPGAGRIW LDDVNCSGKE QSLEFCRHRL WGYHDCTHKE DVEVICTDFD V<LEHHHHHH>

General References

Martinez VG et al., (2014) Cell Mol. Immunol. 11(4):343-54.
Sarrias MR et al., (2005) J. Biol. Chem. 280(42):35391-35398.

DATA

SDS-PAGE



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