

Recombinant mouse CD99-L2 protein

Catalog Number: ATGP4126

PRODUCT INFORMATION

Expression system

HEK293

Domain

26-161aa

UniProt No.

Q8BIF0

NCBI Accession No.

NP_001186278.1

Alternative Names

CD99 antigen-like protein 2 isoform 1, Cd99l2, Mic2l1, Xap89, Mic2l1, CD99 antigen-like protein 2, MIC2-like protein 1

PRODUCT SPECIFICATION

Molecular Weight

41.8kDa (378aa)

Concentration

1mg/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

CD99-L2, also known as CD99 antigen-like protein 2, belongs to the CD99 family. It is endothelial surface protein involved in neutrophil extravasation and was expressed at the borders between transfected cells. It display a role in the migration of leukocytes across endothelial cells of inflammation, and play other roles in thymocyte

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development. It could trigger homotypic cell aggregation by stimulating other adhesion molecules or effects on the membrane underlying cytoskeleton. Recombinant mouse CD99-L2, fused to hlgG-His-tag at C-terminus, was expressed in HEK293 cell and purified by using conventional chromatography techniques.

Amino acid Sequence

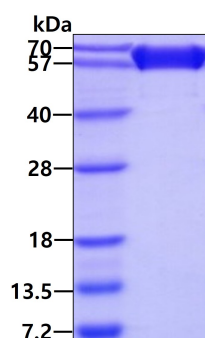
<DGS>DTDGFNL EDALKETSSV QQRWDHFSTT TRRPVTTRAP ANPAERWDHV ATTTTRRP GT TRAPSNPMEL
DGFDELDALD DRNDLDGPKK PSAGEAGGWS DKDLEDIVEG GGYKPDKNKG GGGYGSNDDP GSGISTETG<L
EPKSCDKTHT CPPCPAPELL GGPSVFLFPP KPKDTLMISR TPEVTCVVVD VSHEDPEVKF NWYVDGVEVH NAKTKPREEQ
YNSTYRVVSV LTVLHQDWLN GKEYKCKVSN KALPAIEKT ISKAKGQPRE PQVYTLPPSR DELTKNQVSL TCLVKGFYPS
DIAVEWESNG QPENNYKTP PVLDSGGSFF LYSKLTVDKS RWQQGNVFSC SVMHEALHNNH YTQKSLSLSP GKHHHHHH>

General References

ALAN R., et al, (2007) Cell Commun. Adhes. 14:227-237.
Bixel G., et al, (2007) Blood 109:5327-5336.

DATA

SDS-PAGE



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