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## Recombinant mouse CD99-L2 protein

Catalog Number: ATGP4126

#### PRODUCT INFORMATION

## **Expression system**

**HEK293** 

#### **Domain**

26-161aa

#### UniProt No.

O8BIF0

#### **NCBI Accession No.**

NP 001186278.1

## **Alternative Names**

CD99 antigen-like protein 2 isoform 1, Cd99I2, Mic2I1, Xap89, Mic2I1, 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

hlgG-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 hIgG-His-tag at C-terminus, was expressed in HEK293 cell and purified by using conventional chromatography techniques.

#### **Amino acid Sequence**

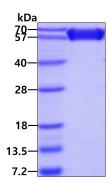
<DGS>DTDGFNL EDALKETSSV KQRWDHFSTT TRRPVTTRAP ANPAERWDHV ATTTTRRPGT TRAPSNPMEL DGFDLEDALD DRNDLDGPKK PSAGEAGGWS DKDLEDIVEG GGYKPDKNKG GGGYGSNDDP GSGISTETG<L EPKSCDKTHT CPPCPAPELL GGPSVFLFPP KPKDTLMISR TPEVTCVVVD VSHEDPEVKF NWYVDGVEVH NAKTKPREEQ YNSTYRVVSV LTVLHQDWLN GKEYKCKVSN KALPAPIEKT ISKAKGQPRE PQVYTLPPSR DELTKNQVSL TCLVKGFYPS DIAVEWESNG QPENNYKTTP PVLDSDGSFF LYSKLTVDKS RWQQGNVFSC SVMHEALHNH 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

