

Recombinant human CD79A protein

Catalog Number: ATGP3655

PRODUCT INFORMATION

Expression system

Baculovirus

Domain

33-143aa

UniProt No.

P11912

NCBI Accession No.

NP_001774

Alternative Names

B-cell antigen receptor complex-associated protein alpha chain isoform 1, CD79A, IGA, MB-1

PRODUCT SPECIFICATION

Molecular Weight

13.6 kDa (119aa)

Concentration

1mg/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

CD79A, also known as B-cell antigen receptor complex-associated protein alpha chain isoform 1, is a membrane-spanning, signal-transducing components of the B-cell receptor. It plays multiple and diverse roles in B cell development and function. It can be a cause of agammaglobulinemia. It is upregulated on MDSCs and activated in response to soluble factors secreted by tumor cells. It plays a functional role in the tumor promoting effects of

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myeloid cells, and may represent a novel target for cancer therapy. Recombinant human CD79A, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Amino acid Sequence

LWMHKVPASL MVSLGEDAHF QCPHNSSNNA NVTWWRVLHG NYTWPPPEFLG PGEDPNGTLI IQNVNKSHGG
IYVCRVQEGN ESYQQSCGTY LRVRQPPPRP FLDMGEGTKN R<LEHHHHHH>

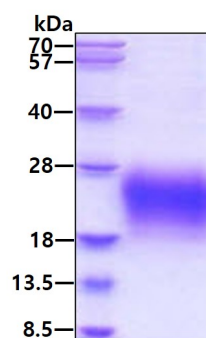
General References

Wang Y., et al. (2002) Am J Med Genet. 108:333-336.

Luger D., et al. (2013) PLoS One. 8:e76115.

DATA

SDS-PAGE



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