

## CD79A recombinant protein

CD79A, 33-143aa, Human, His-tag, Baculovirus

|                              |                            |                                 |
|------------------------------|----------------------------|---------------------------------|
| CATALOG #<br><b>AAA48967</b> | HOST<br><b>Baculovirus</b> | APPLICATIONS<br><b>SDS-Page</b> |
|------------------------------|----------------------------|---------------------------------|

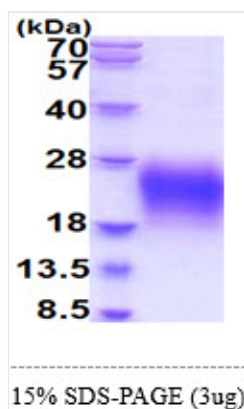
### PRODUCT SYNONYMS

CD79A; 33-143aa; Human; His-tag; Baculovirus; B-cell antigen receptor complex-associated protein alpha chain isoform 1; IGA; MB-1; CD79A recombinant protein

### PRODUCT SPECIFICATIONS

|                                                       |                                                                                                                                                         |
|-------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                                  | Baculovirus                                                                                                                                             |
| Purity/Purification                                   | > 95% by SDS-PAGE                                                                                                                                       |
| Form/Format                                           | Liquid. In phosphate buffered saline (pH 7.4) containing 10% glycerol.                                                                                  |
| Concentration                                         | 1mg/ml (determined by Absorbance at 280nm) (varies by lot)                                                                                              |
| Sequence                                              | LWMHKVPASL MVSLGEDAHF QCPHNSSNNA NVTWWRVLHG NYTWPEFLG PGEDPNGTLI IQNVNKGSHGG<br>IYVCRVQEGN ESYQQSCGTY LRVQRPPPRP FLDMGEGTKN RLEHHHHHHH                  |
| Sequence Length                                       | 226                                                                                                                                                     |
| Applicable Applications for CD79A recombinant protein | SDS-PAGE                                                                                                                                                |
| Tag Information                                       | His-tag                                                                                                                                                 |
| Domain                                                | 33-143aa                                                                                                                                                |
| Endotoxin Level                                       | < 1.0 EU per 1ug of protein (determined by LAL method)                                                                                                  |
| Preparation and Storage                               | Can be stored at 2°C to 8°C for one week.<br>For long term storage, aliquot and store at -20°C or -80°C.<br>Avoid repeated freezing and thawing cycles. |

### IMAGES



#### SDS-PAGE

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

ADDITIONAL INFORMATION

|                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-----------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for CD79A recombinant protein | 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 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. |
| Product Categories/Family for CD79A recombinant protein   | Immunology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| References                                                | Wang Y., et al. (2002) Am J Med Genet. 108:333-336.; Luger D., et al. (2013) PLoS One. 8:e76115.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                          |
|----------------------------------|--------------------------------------------------------------------------|
| NCBI GI #                        | 4502685                                                                  |
| NCBI GeneID                      | 973                                                                      |
| NCBI Accession #                 | NP_001774                                                                |
| NCBI GenBank Nucleotide #        | NM_001783.3                                                              |
| UniProt Accession #              | P11912; Q53FB8; A0N775                                                   |
| Molecular Weight                 | 13.6 kDa (119aa)                                                         |
| NCBI Official Full Name          | B-cell antigen receptor complex-associated protein alpha chain isoform 1 |
| NCBI Official Synonym Full Names | CD79a molecule                                                           |
| NCBI Official Symbol             | CD79A                                                                    |
| NCBI Official Synonym Symbols    | IGA; MB-1                                                                |
| NCBI Protein Information         | B-cell antigen receptor complex-associated protein alpha chain           |
| UniProt Protein Name             | B-cell antigen receptor complex-associated protein alpha chain           |
| UniProt Gene Name                | CD79A                                                                    |
| UniProt Synonym Gene Names       | IGA; MB1                                                                 |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/cd79a-recombinant-protein-baculovirus-sds-page/48967>