

CD79 Recombinant Protein | CD79A&CD79B recombinant protein

CD79 Protein, Human, Recombinant (DYKDDDDK & His Tag)

CATALOG #
AAA258268

HOST
HEK293 Cells

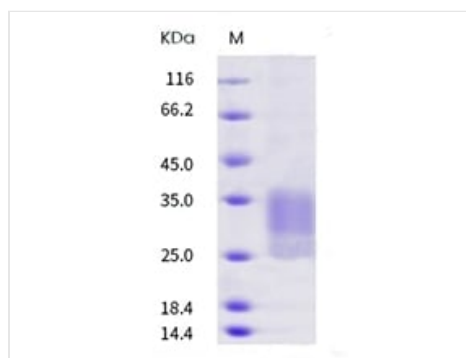
PRODUCT SYNONYMS

CD79; CD79 Protein; Human; Recombinant (DYKDDDDK & His Tag); Human CD79 (CD79A & CD79B Heterodimer) Protein (DYKDDDDK & His Tag); IGA Protein; MB-1 Protein; CD79a molecule; immunoglobulin-associated alpha; CD79A&CD79B recombinant protein

PRODUCT SPECIFICATIONS

Host	HEK293 Cells
Purity/Purification	>90% as determined by SDS-PAGE
Form/Format	Lyophilized from sterile PBS, pH 7.4.
Sequence	Met1-Arg14 3&Met1-Asp 159
Source	Human
Endotoxin	<1.0EU per ug protein as determined by the LAL method.
Predicted N Terminal	Leu 33 & Ala 29
Tag	DYKDDDDK & His
Protein Construction	A DNA sequence encoding the human CD79A (NP_001774.1)(Met1-Arg143) was fused with a DYKDDDDK tag at the C-terminus, constructed the plasmid 1; A DNA sequence encoding human CD79B (NP_000617.1)(Met1-Asp159) was fused with a polyhistidine tag at the C-terminus, constructed the plasmid 2. The two plasmids were co-expressed and the human CD79A & CD79B heterodimer was purified.
Reconstitution	It is recommended that sterile water (400ul) be added to the vial to prepare a stock solution of 0.25mg/mL . Concentration is measured by UV.
Preparation and Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.

IMAGES



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502685
NCBI GeneID	973
NCBI Accession #	NP_001774.1; NP_000617.1
NCBI GenBank Nucleotide #	NM_001783.3
UniProt Accession #	P11912; Q53FB8; A0N775
Molecular Weight	The recombinant human CD79A & human CD79B heterodimer comprises 324 (152+172) amino acids and has a calculated molecular mass of 37.5 (17.4+ 20.1) kDa.
NCBI Official Full Name	B-cell antigen receptor complex-associated protein alpha chain isoform 1
NCBI Official Synonym Full Names	CD79a molecule, immunoglobulin-associated alpha
NCBI Official Symbol	CD79A
NCBI Official Synonym Symbols	IGA; MB-1
NCBI Protein Information	B-cell antigen receptor complex-associated protein alpha chain; ig-alpha; MB-1 membrane glycoprotein; surface IgM-associated protein; CD79a antigen (immunoglobulin-associated alpha); membrane-bound immunoglobulin-associated protein
UniProt Protein Name	B-cell antigen receptor complex-associated protein alpha chain
UniProt Gene Name	CD79A
UniProt Synonym Gene Names	IGA; MB1
UniProt Entry Name	CD79A_HUMAN

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-hek293-cells/258268>