

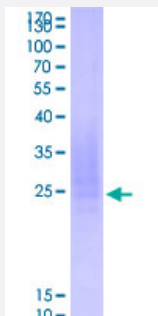
HuPro®

CD79A (Human) Recombinant Protein

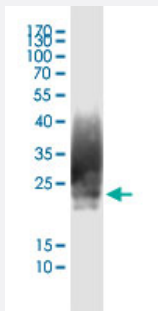
Catalog # H00000973-H01

Size 25 ug

Applications



SDS-PAGE Gel



Western Blot

Specification

Product Description	Purified CD79A (NP_001774.1, 33 a.a. - 143 a.a.) human recombinant protein with His-Flag-StrepII tag at N-terminus expressed in human cells.
Transfected Cell Line	Human HEK293H cells
Sequence	LWMHKVPASLMVSLGEDAHFQCPHNSSNNANVTWWRVLHGNYTWPPEFLGPGEDPNGTLIQN VNKSHGGIYVCRVQEGNESYQQSCGYLRVRQPPRPFLDMGEGTKNR
Host	Human
Theoretical MW (kDa)	15.29
Interspecies Antigen Sequence	Mouse (58)

Form	Liquid
Preparation Method	Transfection of pSuper-CD79A plasmid into HEK293H cell, and the expressed protein was purified by <i>Strep</i> -Tactin affinity column.
Purification	<i>Strep</i> -Tactin affinity columns
Concentration	≥ 10 ug/ml
Quality Control Testing	SDS-PAGE and Western Blot SDS-PAGE Gel Western Blot
Storage Buffer	100 mM Tris-HCl pH 8.0, 150 mM NaCl, 1 mM EDTA, and 5 mM desthiobiotin.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot
- Enzyme-linked Immunoabsorbent Assay
- SDS-PAGE
- Protein Interaction

Gene Info — CD79A

Entrez GeneID	973
GeneBank Accession#	NM_001783.3
Protein Accession#	NP_001774.1
Gene Name	CD79A
Gene Alias	IGA, MB-1
Gene Description	CD79a molecule, immunoglobulin-associated alpha
Omim ID	112205
Gene Ontology	Hyperlink

Gene Summary

The B lymphocyte antigen receptor is a multimeric complex that includes the antigen-specific component, surface immunoglobulin (Ig). Surface Ig non-covalently associates with two other proteins, Ig-alpha and Ig-beta, which are necessary for expression and function of the B-cell antigen receptor. This gene encodes the Ig-alpha protein of the B-cell antigen component. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq]

Other Designations

B-cell antigen receptor complex-associated protein alpha chain|CD79A antigen|CD79a antigen (immunoglobulin-associated alpha)|MB-1 membrane glycoprotein|surface IgM-associated protein

Pathway

- [B cell receptor signaling pathway](#)
- [Primary immunodeficiency](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Hodgkin Disease](#)
- [Lymphoproliferative Disorders](#)
- [Waldenstrom Macroglobulinemia](#)
- [Werner syndrome](#)