

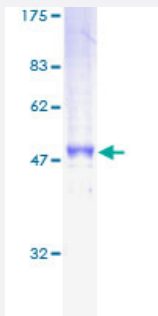
Full-Length

CD79B (Human) Recombinant Protein (P01)

Catalog # H00000974-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human CD79B full-length ORF (AAH32651, 1 a.a. - 229 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MARLALSPVPSHWMVALLLLSAEPVPAARSEDYRNPKGSACSRWQSPRFIARKRGFTVKMH
CYMNSASGNVSWLWKQEMDENPQQLKLEKGRMEESQNESLATLTIGIRFEDNGMYFCQQKCNN
TSEVYQGCGETLRVMGFSTLAQLKQRNTLKDGIIMIQTLILFIIVPIFLLLDKDDSKAGMEEDHTYEG
LDIDQTATYEDIVTLRTGEVKWSVGEHPGQE

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

50.93

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — CD79B

Entrez GeneID [974](#)

GeneBank Accession# [BC032651](#)

Protein Accession# [AAH32651](#)

Gene Name CD79B

Gene Alias B29, IGB

Gene Description CD79b molecule, immunoglobulin-associated beta

Omim ID [147245](#)

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-beta 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 beta chain|B-cell-specific glycoprotein B29|CD79B antigen|CD79b antigen (immunoglobulin-associated beta)|Ig-beta|immunoglobulin-associated B29

Pathway

- [B cell receptor signaling pathway](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hematologic Diseases](#)
- [Hodgkin Disease](#)
- [Kidney Failure](#)
- [Lymphoproliferative Disorders](#)
- [Multiple Myeloma](#)
- [Occupational Diseases](#)
- [Waldenstrom Macroglobulinemia](#)
- [Werner syndrome](#)