

Recombinant Human CD79B Protein, Fc-tagged

Cat. No. CD79B-171H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human CD79B protein with Fc tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	229
Description	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.
Form	Lyophilized
Molecular Mass	41.8 kDa
AA Sequence	MARLALSPVPSHWMVALLLLLSAEPVPAARSEDYRNPKGSA CSRIWQSPRFIARK RGFTVKMH CYMNSASGNVSWLWKQEMDENPQQLKLEKGRMEESQNESLATLTIQ GIRFEDNGIYFCQQKCNNTSEVYQGCGTEL RVMGFSTLAQLKQRNTLKDGIIMIQTLL IILFIIVPIFLLLDKDDSKAGMEEDHTYEGLDIDQTATYEDIVTLRTGEVKWSVGEHPGQ E

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Purity	> 98%
Applications	WB; ELISA; FACS; FC
Stability	This bioreagent is stable at 4 centigrade (short-term) and -70 centigrade(long-term). After reconstitution, sample may be stored at 4 centigrade for 2-7 days and below -18 centigrade for future use.
Storage	At -20 centigrade.
Concentration	1 mg/mL
Storage Buffer	PBS (pH 7.4-7.5). Sterile-filtered colorless solution.
Reconstitution	Reconstitute in sterile distilled H2O to no less than 100 µg/mL; dilute reconstituted stock further in other aqueous solutions if needed. Please review COA for lot-specific instructions. Final measurements should be determined by the end-user for optimal performance.

GENE INFORMATION

Gene Name	CD79B CD79b molecule, immunoglobulin-associated beta [Homo sapiens (human)]
Official Symbol	CD79B
Synonyms	CD79B; CD79b molecule, immunoglobulin-associated beta; CD79B antigen (immunoglobulin associated beta) , IGB; B-cell antigen receptor complex-associated protein beta chain; B29; Ig-beta; B-cell-specific glycoprotein B29; immunoglobulin-associated B29 protein; CD79b antigen (immunoglobulin-associated beta); IGB; AGM6;

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Gene ID	974
mRNA Refseq	NM_000626
Protein Refseq	NP_000617
MIM	147245
UniProt ID	P40259

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