

## Recombinant Human CD79B protein, T7/His-tagged

**Cat. No.** CD79B-89H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human CD79B cDNA (29 – 159aa, derived from BC032651) fused with T7-His-TEV cleavage site Tag (29aa) at N-terminal was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	29-159 a.a.
<b>Form</b>	1.0 mg/ml, sterile-filtered, in 20 mM pH 8.0 Tris-HCl Buffer, with proprietary formulation of NaCl, KCl, EDTA, arginine, DTT and Glycerol.
<b>AA Sequence</b>	MASMTGGQQMGRGRGHHHHHGNLYFQGGEFARSEDYRNPKGSACSRIWQSPRFI ARKRGFTVKMHCYMNSASGNV SWLWKQEMDENPQQLKLEKGRMEESQNESLAT LTIQGIRFEDNGIYFCQQKCNNTSEVYQGCGETLRVMGFSTLA QLKQRNTLKD
<b>Purity</b>	>90% by SDS-PAGE
<b>Applications</b>	1. May be used for in vitro human CD79B mediated B cell differentiation regulation study with this protein as either coating matrix protein or soluble factor.2. May be used for CD79B protein-protein interaction assay development.3. Potential biomarker protein for plasma cell myeloma.4. As antigen for specific antibody production.
<b>Storage</b>	Keep at -80centigrade for long term storage. Product is stable at 4 centigrade for at least 30 days.

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## GENE INFORMATION

<b>Gene Name</b>	CD79B CD79b molecule, immunoglobulin-associated beta [ Homo sapiens ]
<b>Official Symbol</b>	CD79B
<b>Synonyms</b>	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 prote
<b>Gene ID</b>	974
<b>mRNA Refseq</b>	NM_000626
<b>Protein Refseq</b>	NP_000617
<b>MIM</b>	147245
<b>UniProt ID</b>	P40259
<b>Chromosome Location</b>	17q23
<b>Pathway</b>	Adaptive Immune System, organism-specific biosystem; Antigen Activates B Cell Receptor Leading to Generation of Second Messengers, organism-specific biosystem; B Cell Receptor Signaling Pathway, organism-specific biosystem; B cell receptor signaling pathway, organism-specific biosystem
<b>Function</b>	transmembrane signaling receptor activity;

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