

Recombinant Human CD79B protein, T7/His-tagged

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

SPECIFICATION

Product Overview	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.
Species	Human
Source	E.coli
ProteinLength	29-159 a.a.
Form	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.
AA Sequence	MASMTGGQQMGRGHHHHHHGNLYFQGGEFARSEDYRNPKGSA CSRIWQSPRFI ARKRGFTVKMHCYMN SASGNV SWLWKQEMDENPQQLKLEKGRMEESQNESLAT LTIQGIRFEDNGIYFCQQKCNNTSEVYQGCGETLRVMGFSTLA QLKQRNTLKD
Purity	>90% by SDS-PAGE
Applications	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.
Storage	Keep at -80centigrade for long term storage. Product is stable at 4 centigrade for at least 30 days.

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GENE INFORMATION

Gene Name	CD79B CD79b molecule, immunoglobulin-associated beta [Homo sapiens]
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 prote
Gene ID	974
mRNA Refseq	NM_000626
Protein Refseq	NP_000617
MIM	147245
UniProt ID	P40259
Chromosome Location	17q23
Pathway	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
Function	transmembrane signaling receptor activity;

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