

# Recombinant Full Length Human CD79B Protein

Cat. No. CD79B-66HF Lot. No. (See product label)

## SPECIFICATION

|                         |  |
|-------------------------|--|
| <b>Product Overview</b> | Recombinant full length Human CD79b with N terminal proprietary tag; Predicted MWt 50.60 kDa.  |
| <b>Species</b>          | Human  |
| <b>Source</b>           | In Vitro Cell Free System  |
| <b>ProteinLength</b>    | 229 amino acids  |
| <b>Description</b>      | 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. |
| <b>Form</b>             | Liquid   |
| <b>Molecular Mass</b>   | 50.600kDa inclusive of tags  |
| <b>AA Sequence</b>      | MARLALSPVPSHWMVALLLLLSAEPVPAARSEDYRNPKG SACSRIWQSPRFIARK<br>RGFTVKMHCYMNASAGNVSWLWKQ EMDENPQQLKLEKGRMEESQNESLATLTIQ<br>GIRFEDNGIY FCQQKCNNTSEVYQGCGTELRVMGFSTLAQLKQRNTLKDG IIMIQL<br>LILFIIVPIFLLLDKDDSKAGMEEDHTYEGLD IDQTATYEDIVTLRTGEVKWSVGEHP<br>GQE  |

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|-----------------------|--|
| <b>Purity</b>         | Proprietary Purification   |
| <b>Storage</b>        | Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles. |
| <b>Storage Buffer</b> | pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.  |

## 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 |
| <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  |

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