

## Recombinant Human CD79B protein, His-tagged

**Cat. No.** CD79B-3806H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                     |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human CD79B protein(29-229 aa), fused to His tag, was expressed in E. coli.                                                                                                                                                                                             |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                               |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                              |
| <b>ProteinLength</b>    | 29-229 aa                                                                                                                                                                                                                                                                           |
| <b>Form</b>             | The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole. |
| <b>AA Sequence</b>      | ARSEDYRNPKGSACSRIWQSPRFIARKRGFTVKMH CYMNSASGNVSWLWKQEM<br>DENPQQLKLEKGRMEESQNESLATLTIQGIRFEDNGIYFCQQKCNNTSEVYQGCGT<br>ELRVMGFSTLAQLKQRNTLKDGIIMIQTLIIILFIIVPIFLLLDKDDSKAGMEEDHTYEGL<br>DIDQTATYEDIVTLRTGEVKWSVGEHPGQE                                                               |
| <b>Purity</b>           | 95%, by SDS-PAGE with Coomassie Brilliant Blue staining.                                                                                                                                                                                                                            |
| <b>Storage</b>          | Short-term storage: Store at 2-8°C for (1-2 weeks).<br>Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.                                                |

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

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

|                       |                                                                                                                                                                       |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Reconstitution</b> | Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.<br>Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage. |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## 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 protein; CD79b antigen (immunoglobulin-associated beta); IGB; AGM6; |
| <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                                                                                                                                                                                                                                                                                                                        |

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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