

Rev04  
 Update: Jan,22,2026

## DATASHEET

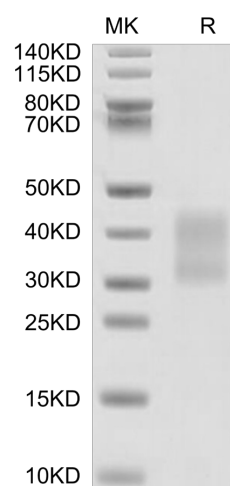
# CD79B, His, Mouse

Cat. No.: Z04329

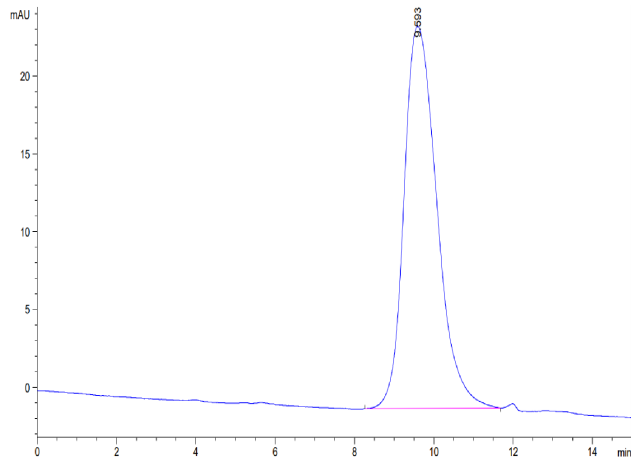
## Product Introduction

|                                     |                                                                                                                                                                                        |
|-------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Species</b>                      | Mouse                                                                                                                                                                                  |
| <b>Protein Construction</b>         | <div> <div>CD79B (Val26-Asp158)<br/>Accession # P15530</div> <div>His</div> </div> <div>N-termC-term</div>                                                                             |
| <b>Purity</b>                       | > 95% as determined by BisTris PAGE                                                                                                                                                    |
| <b>Endotoxin Level</b>              | Less than 1EU per µg by the LAL method.                                                                                                                                                |
| <b>Expression System</b>            | HEK293                                                                                                                                                                                 |
| <b>Theoretical Molecular Weight</b> | 15.9 kDa                                                                                                                                                                               |
| <b>Apparent Molecular Weight</b>    | Due to glycosylation, the protein migrates to 30-50 kDa based on Bis-Tris PAGE result.                                                                                                 |
| <b>Formulation</b>                  | Lyophilized from 0.22µm filtered solution in PBS, 200mM L-arginine (pH 7.4).                                                                                                           |
| <b>Reconstitution</b>               | Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.                         |
| <b>Storage &amp; Stability</b>      | Upon receiving, the product remains stable for 6 months at -20°C or below. Upon reconstitution, the product should be stable for 3 months at -80°C. Avoid repeated freeze-thaw cycles. |

## Examples



CD79B, His, Mouse on Bis-Tris PAGE under reduced condition.  
 The purity is greater than 95%.



The purity of CD79B, His, Mouse is greater than 95% as determined by SEC-HPLC.

## Background

**Target Background :** CD79B (also known as B29, Ig beta and B cell antigen receptor complex-associated protein beta-chain) is a 36-40 kDa member of the Ig-Superfamily. It is required in cooperation with CD79A for initiation of the signal transduction cascade activated by the B-cell antigen receptor complex (BCR) which leads to internalization of the complex, trafficking to late endosomes and antigen presentation. Enhances phosphorylation of CD79A, possibly by recruiting kinases which phosphorylate CD79A or by recruiting proteins which bind to CD79A and protect it from dephosphorylation.

**Synonyms :** B29; CD79b molecule; CD79B; IGB; IGBAGM6; Ig-beta; Ig- $\beta$

**For research use only. Not intended for human or animal clinical trials, therapeutic or diagnostic use.**

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