

Datasheet for ABIN7274240

CD79b Protein (AA 26-158) (His tag)[Go to Product page](#)**2** Images

Overview

| | |
|-------------------------------|--|
| Quantity: | 100 µg |
| Target: | CD79b (CD79B) |
| Protein Characteristics: | AA 26-158 |
| Origin: | Mouse |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This CD79b protein is labelled with His tag. |

Product Details

| | |
|------------------|--|
| Purpose: | Mouse CD79B Protein |
| Sequence: | Val26-Asp158 |
| Characteristics: | Recombinant Mouse CD79B Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Val26-Asp158. |
| Purity: | > 95 % as determined by Tris-Bis PAGE, > 95 % as determined by HPLC |
| Sterility: | 0.22 µm filtered |
| Endotoxin Level: | Less than 1EU per µg by the LAL method. |

Target Details

| | |
|-------------------|--|
| Target: | CD79b (CD79B) |
| Alternative Name: | CD79B (CD79B Products) |

Target Details

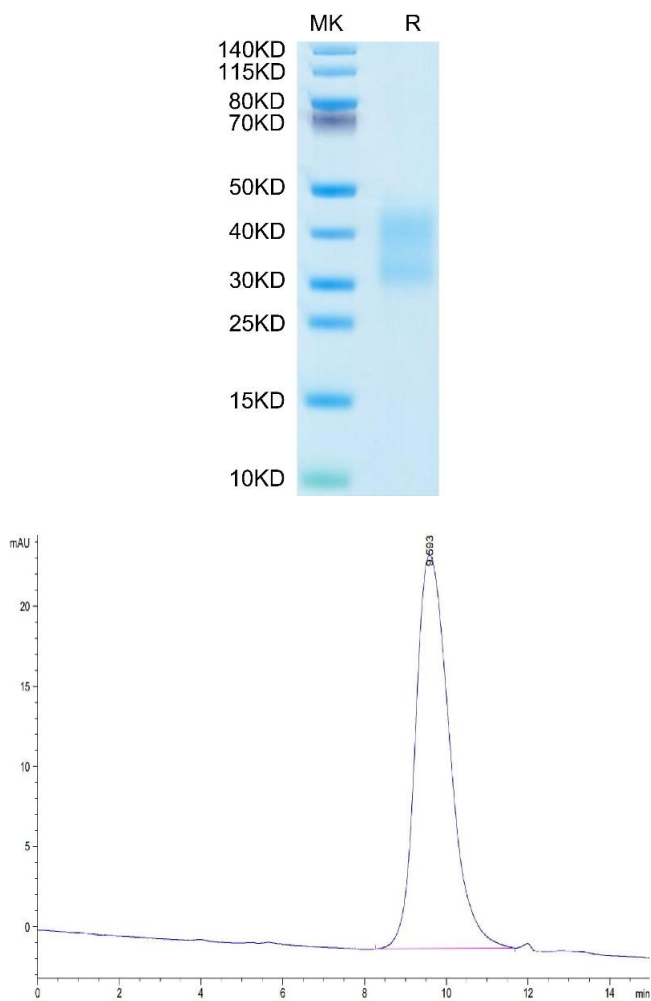
| | |
|-------------------|---|
| Background: | CD79B (also known as B29, Ig beta and B cell antigen receptor complex-associated protein beta-chain) is a 36-40 kDa member of the Ig-Superfamily. It is required in cooperation with CD79A for initiation of the signal transduction cascade activated by the 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. |
| Molecular Weight: | 15.9 kDa. Due to glycosylation, the protein migrates to 30-50 kDa based on Tris-Bis PAGE result. |
| UniProt: | P15530 |
| Pathways: | BCR Signaling |

Application Details

| | |
|---------------|-----------------------|
| Restrictions: | For Research Use only |
|---------------|-----------------------|

Handling

| | |
|------------------|--|
| Format: | Lyophilized |
| Reconstitution: | Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water. |
| Buffer: | Lyophilized from 0.22µm filtered solution in PBS,200 mM L-arginine (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization. |
| Storage: | -20 °C,-80 °C |
| Storage Comment: | -20 to -80°C for 12 months as supplied from date of receipt.,-80°C for 3-6 months after reconstitution.,2-8°C for 2-7 days after reconstitution.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles. |
| Expiry Date: | 12 months |



SDS-PAGE

Image 1. Mouse CD79B on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .

Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 2. The purity of Mouse CD79B is greater than 95 % as determined by SEC-HPLC.