

RP00565

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Recombinant Human CD79B/B29 Protein

Catalog No.: RP00565

Recombinant

Sequence Information

| Species | Gene ID | Swiss Prot |
|---------|---------|------------|
| Human | 974 | P40259 |

Tags

C-6×His

Synonyms

AGM6; B29; IGB;CD79B;B29;IGB

Product Information

| Source | Purification |
|--------------|--------------------|
| HEK293 cells | > 95% by SDS-PAGE. |

Endotoxin

< 1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.2 μM filtered solution of 20mM PB, 150mM NaCl, pH 7.4Contact us for customized product form or formulation.

Reconstitution

Reconstitute to a concentration of 0.1-0.5 mg/mL in 1X PBS.

Background

CD79B is a single-pass type I membrane protein. CD79B contains one Ig-like V-type domain and one ITAMdomain. CD79B is required in cooperation with CD79A for initiation of the signal transduction cascadeactivated by the B-cell antigen receptor complex (BCR), which leads to internalization of the complex,trafficking to late endosomes and antigen presentation. CD79B enhances phosphorylation of CD79A, possiblyby recruiting kinases that phosphorylate CD79A or by recruiting proteins that bind to CD79A and protect itfrom dephosphorylation.

Basic Information

Description

Recombinant Human CD79B/B29 Protein is produced by Human cells expression system. The target protein is expressed with sequence (Ala29-Asp159) of human CD79B/B29 (Accession #P40259) fused with a 6×His tag at the C-terminus.

Bio-Activity

Storage

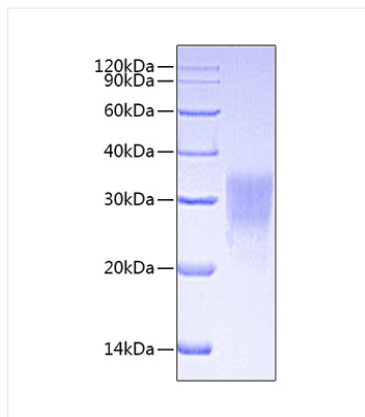
Store the lyophilized protein at -20°C to -80 °C for long term.
After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week. Avoid repeated freeze/thaw cycles.

Contact



www.abclonal.com

Validation Data



Recombinant Human CD79B/B29 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.