

Product Datasheet

Recombinant Human B-cell antigen receptor complex-associated protein beta chain (CD79B), partial (Active) (orb2666661)

Catalog Number	orb2666661
Category	Proteins
Description	This Recombinant Human B-cell antigen receptor complex-associated protein beta chain (CD79B), partial spans the amino acid sequence from region 29-159aa. Purity: Greater than 90% as determined by SDS-PAGE.
Tag	C-terminal 10xHis-tagged
Form/Appearance	Lyophilized powder
Buffer/Preservatives	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Purity	Greater than 90% as determined by SDS-PAGE.
Protein Sequence	ARSEDRYRNPKGSA CSRIWQSPRFIARKRGFTVKMHCYMNSASGNVSWLWKQEMDENPQ QLKLEKGRMEESQNESLATLTIQGIRFEDNGIYFCQQKCNNTSEVYQCGTEL RVMGFSTL AQLKQRNTLKD
Protein Length	Partial
UniProt ID	P40259
MW	16.7 kDa

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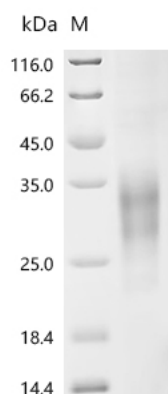
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Application notes	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Endotoxins	Less than 1.0 EU/μg as determined by LAL method.
Source	Mammalian cell
Biological Origin	Homo sapiens (Human)
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized Human CD79B at 2 μg/mL can bind Anti-CD79B recombinant antibody (CSB-RA004958MA2HU). The EC50 is 3.214-3.642 ng/mL.
Expression Region	29-159aa
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Note	For research use only
Expiration Date	6 months from date of receipt.



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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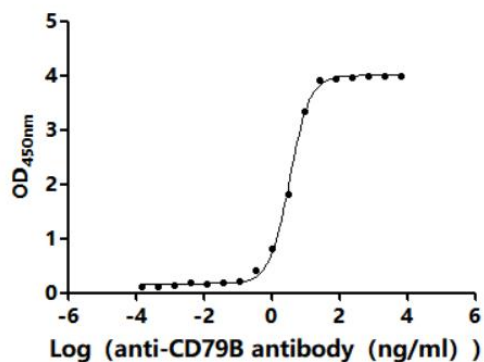
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Measured by its binding ability in a functional ELISA. Immobilized Human CD79B at 2 $\mu\text{g/ml}$ can bind Anti-CD79B recombinant antibody. The EC₅₀ is 3.214-3.642 ng/mL.

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