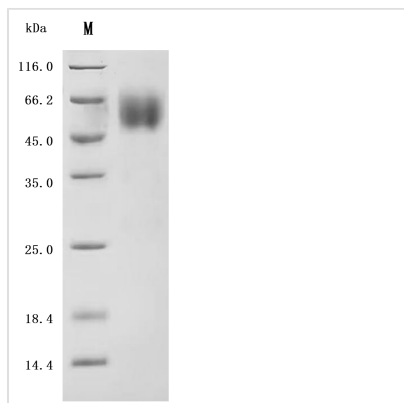


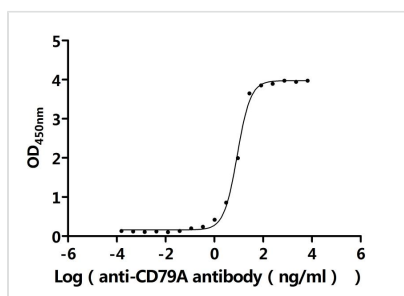


Recombinant Human CD79A&CD79B Heterodimer Protein (Active)

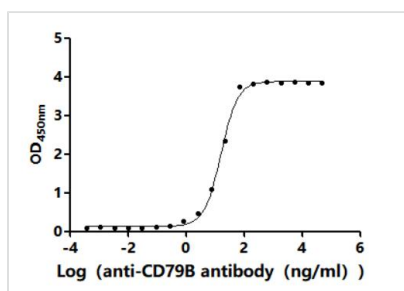
Product Code	CSB-MP5861HU
Abbreviation	Recombinant Human CD79A&CD79B Heterodimer protein (Active)
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P11912/P40259
Form	Lyophilized powder
Storage Buffer	Lyophilized from a 0.2 µm filtered PBS, 6% Trehalose, pH 7.4
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Biological Activity	① Measured by its binding ability in a functional ELISA. Immobilized Human CD79A&CD79B at 2 µg/mL can bind Anti-CD79A recombinant antibody(CSB-RA004957MA1HU). The EC50 is 8.012-9.339 ng/mL. ② Measured by its binding ability in a functional ELISA. Immobilized Human CD79A&CD79B at 2 µg/mL can bind Anti-CD79B recombinant antibody(CSB-RA004958MA2HU). The EC50 is 14.85-17.47 ng/mL.
Purity	Greater than 95% as determined by SDS-PAGE. Greater than 95% as determined by SEC-HPLC.
Sequence	LWMHKVPASLMVSLGEDAHFQCPHNSSNNANVTWWRVLHGNYTWPPEFLG PGEDPNGTLIIQNVNKS HGGIYVCRVQEGNESYQQSCGYLRVRQPPRPFL DMGEGTKNR&ARSEDYRNPKGSACSRIWQSPRFIARKRGFTVKMHCYMNS ASGNVSWLWKQEMDENPQQLKLEKGRMEESQNESLATLTIQGIRFEDNGIYF CQQKCNNTSEVYQGCGETLRVMGFSTLAQLKQRNTLKD
Source	Mammalian cell
Target Names	CD79A&CD79B
Expression Region	33-143aa&29-159aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	C-terminal mFc-Flag-tagged&C-terminal 10xHis-mFc-tagged
Mol. Weight	41.3 kDa&43.1 kDa
Protein Length	Heterodimer
Image	



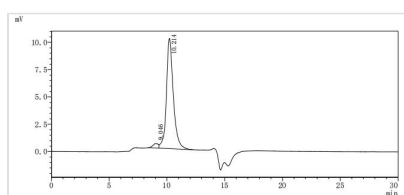
(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.



Activity
 Measured by its binding ability in a functional ELISA. Immobilized Human CD79A&CD79B at 2 µg/ml can bind Anti-CD79A recombinant antibody(CSB-RA004957MA1HU). The EC₅₀ is 8.012-9.339 ng/mL.Activity



Activity
 Measured by its binding ability in a functional ELISA. Immobilized Human CD79A&CD79B at 2 µg/ml can bind Anti-CD79B recombinant antibody(CSB-RA004958MA2HU). The EC₅₀ is 14.85-17.47 ng/mL.



The purity of CD79A&CD79B was greater than 95% as determined by SEC-HPLC

Endotoxin

Less than 1.0 EU/ug as determined by LAL method.

Reconstitution

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.

Shelf Life

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.