

Recombinant Human CD79A & CD79B protein, Flag & His-tagged

Cat. No. CD79A & CD79B-212H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human CD79A (NP_001774.1) (Met1-Arg143) was fused with a flag tag at the C-terminus, constructed the plasmid 1; Recombinant human CD79B (NP_000617.1) (Met1-Asp159) was fused with a polyhistidine tag at the C-terminus, constructed the plasmid 2. The two plasmids were co-expressed and the human CD79A & CD79B heterodimer was purified.
Species	Human
Source	HEK293
ProteinLength	1-143;1-159 a.a.
Predicted N Terminal	Leu 33 & Ala 29
Form	Lyophilized from sterile PBS, pH 7.4, 5 % trehalose, 5% mannitol and 0.01% Tween80.
Molecular Mass	The recombinant human CD79A & human CD79B heterodimer comprises 324 (152+172) amino acids and has a calculated molecular mass of 37.5 (17.4+ 20.1) kDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 90 % as determined by SDS-PAGE.

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Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 mg/ml. Centrifuge the vial at 4°C before opening to recover the entire contents.
Shipping	In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.

GENE INFORMATION

Official Symbol	CD79A; CD79B
Synonyms	IGA; MB-1

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