

Recombinant Human CD22 protein, Fc-tagged, R-PE labeled

Cat. No. CD22-562HP **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD22 protein, Fc-tagged was Conjugated with NH2-Reactive R-PE(R-Phycoerythrin).
Species	Human
Source	HEK293
ProteinLength	Met1-Arg687
Form	Lyophilized from sterile 50 mM Tris, pH 8.0. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant human CD22 consists 906 amino acids and predicts a molecular mass of 101.9 kDa. As a result of glycosylation, it migrates as an approximately 127 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE
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.

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Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
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Conjugation	R-PE
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GENE INFORMATION

Gene Name	CD22 CD22 molecule [Homo sapiens]
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Official Symbol	CD22
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Synonyms	CD22; CD22 molecule; CD22 antigen; B-cell receptor CD22; sialic acid binding Ig like lectin 2; SIGLEC 2; SIGLEC2; BL-CAM; T-cell surface antigen Leu-14; B-lymphocyte cell adhesion molecule; sialic acid binding Ig-like lectin 2; sialic acid-binding Ig-like lectin 2; SIGLEC-2; FLJ22814; MGC130020;
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Gene ID	933
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mRNA Refseq	NM_001185099
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Protein Refseq	NP_001172028
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MIM	107266
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UniProt ID	P20273
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