

Recombinant Human CD22 protein, His-Avi-tagged

Cat. No. CD22-273H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human Siglec-2/CD22 is expressed from mammalian with a His tag and Avi Tag at the C-terminal. It contains Asp20-Arg687.
Species	Human
Source	HEK293
ProteinLength	It contains Asp20-Arg687.
Description	CD22 is a member of the siglec family of sialic acid binding lectins (sialoadhesin, CD33 and MAG) and, like other family members, is predicted to have an unusual disulphide bond between β strands B and E in domain 1, and a disulphide bond between domains 1 and 22.
Form	Supplied as 0.22um filtered solution in PBS (pH 7.4).
Molecular Mass	The protein has a predicted MW of 78.1 kDa. Due to glycosylation, the protein migrates to 100-115KDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.05EU per ug by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC
Storage	The product should be stored at -70°C. Please do not repeated freeze-thaw cycles.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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.

GENE INFORMATION

Gene Name CD22 CD22 molecule [Homo sapiens]

Official Symbol CD22

Synonyms CD22 molecule; CD22; Siglec2; Siglec-2; B-cell receptor CD22; BL-CAM; B-lymphocyte cell adhesion molecule; CD22 antigen MGC130020; sialic acid binding Ig-like lectin 2; Sialic acid-binding Ig-like lectin 2; SIGLEC2 FLJ22814; T-cell surface antigen Leu-14

Gene ID 933

mRNA Refseq NM_001185099

Protein Refseq NP_001172028

MIM 107266

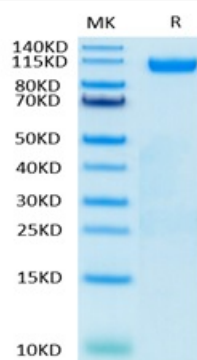
UniProt ID P20273

 Tel: 1-631-559-9269 1-516-512-3133

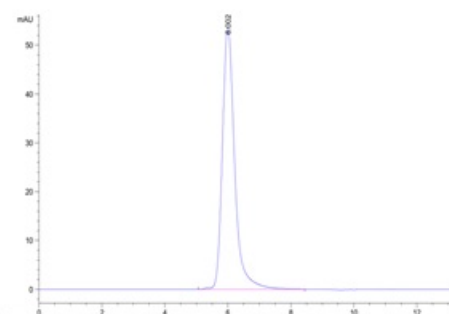
 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Tris-Bis PAGE



HPLC data



ELISA data

