

Product datasheet for **TP726668**

Cd22 Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Mouse Siglec-2 (C-6His)
Species:	Mouse
Expression cDNA Clone or AA Sequence:	Ser22-Arg702
Tag:	C-6His
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS,pH7.4.
Note:	Recombinant Mouse B-cell Receptor CD22 is produced by our Mammalian expression system and the target gene encoding Ser22-Arg702 is expressed with a 6His tag at the C-terminus.
Stability:	12 months from date of despatch
Locus ID:	12483
UniProt ID:	P35329
Summary:	Siglecs (sialic acid binding Ig-like lectins) are I-type (Ig-type) lectins belonging to the Ig superfamily. They are characterized by an N-terminal Ig-like V-type domain which mediates sialic acid binding, followed by varying numbers of Ig-like C2-type domains. Human Siglec-2, also known as B-cell antigen CD22 or B-lymphocyte cell adhesion molecule (BL-CAM), is a B-cell restricted glycoprotein that is expressed in the cytoplasm of progenitor B and pre-B cells and on the surface of mature B cells. Two distinct human Siglec-2/CD22 cDNAs that arise from differential RNA processing of the same gene have been isolated. Siglec-2/CD22 is an adhesion molecule that preferentially binds alpha 2,6- linked sialic acid on the same (cis) or adjacent (trans) cells. Interaction of CD22 with trans ligands on opposing cells was found to be favored over the binding of ligands in cis.



[View online »](#)