

Product datasheet for **TP724636**

CD22 Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human Siglec-2/CD22 (C-His)
Species:	Human
Expression cDNA Clone or AA Sequence:	D20-R687
Tag:	C-10His
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS, pH 7.4
Note:	Recombinant Human Siglec-2 is produced by Human 293 Cells. The target gene encoding D20-R687 is expressed with a 10His tag at the C terminus.
Stability:	12 months from date of despatch
Locus ID:	933
UniProt ID:	P20273
Summary:	B-cell receptor CD22, also known as Siglec-2, is a member of the immunoglobulin superfamily, SIGLEC family of lectins. CD22 is expressed by B-lymphocytes and can mediate B-cell B-cell interactions, as well as the localization of B-cells in lymphoid tissues. CD22 binds sialylated glycoproteins, one of which is CD45. As an inhibitory coreceptor of the B-cell receptor (BCR), CD22 plays a central role in establishing signaling thresholds for B-cell activation. CD19 regulates CD22 phosphorylation by augmenting Lyn kinase activity, while CD22 inhibits CD19 phosphorylation via SHP-1.



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