

## ARG70527 Human CD22 recombinant protein (His-tagged)

Package: 100 µg

Store at: -20°C

### Summary

Product Description	HEK293 expressed, His-tagged Human CD22 recombinant protein
Tested Application	SDS-PAGE
Target Name	CD22
Species	Human
A.A. Sequence	Asp 20 - Arg 687
Expression System	HEK293
Activity Note	Determined by the ability of the immobilized protein to support the adhesion of human red blood cells. The ED <sub>50</sub> for this effect is 95% (by SDS-PAGE)
Buffer	PBS (pH 7.4)
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile water to a concentration not less than 200 µg/mL and incubate the stock solution for at least 20 min at room temperature to make sure the protein is dissolved completely.
Storage instruction	For long term, lyophilized protein should be stored at -20°C or -80°C. After reconstitution, aliquot and store at -20°C or -80°C for up to one month. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening.
Note	For laboratory research only, not for drug, diagnostic or other use.

### Bioinformation

Gene Symbol	CD22
Gene Full Name	CD22 Molecule
Background	Predicted to enable CD4 receptor binding activity; protein phosphatase binding activity; and sialic acid binding activity. Involved in B cell activation; negative regulation of B cell receptor signaling pathway; and regulation of endocytosis. Located in early endosome and recycling endosome. Implicated in diffuse large B-cell lymphoma. [provided by Alliance of Genome Resources, Nov 2024]
Function	If this negative signaling from is of sufficient strength, apoptosis of the B-cell can be induced. [Uniprot]