

## Recombinant Rat Cd22 Protein, His-tagged

**Cat. No.** Cd22-1154R    **Lot. No.** (See product label)

### SPECIFICATION

|                             |                                                                                                                                                           |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>     | Recombinant rat Cd22 (NP_001100973.1) (Met1-Arg692) was expressed with a polyhistidine tag at the C-terminus.                                             |
| <b>Species</b>              | Rat                                                                                                                                                       |
| <b>Source</b>               | HEK293                                                                                                                                                    |
| <b>ProteinLength</b>        | 1-692 a.a.                                                                                                                                                |
| <b>Predicted N Terminal</b> | Trp 24                                                                                                                                                    |
| <b>Form</b>                 | Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.                                                                                       |
| <b>Molecular Mass</b>       | The recombinant rat Cd22 consists 680 amino acids and predicts a molecular mass of 76.7 kDa.                                                              |
| <b>Endotoxin</b>            | < 1.0 EU per µg of the protein as determined by the LAL method.                                                                                           |
| <b>Purity</b>               | >95 % as determined by SDS-PAGE.                                                                                                                          |
| <b>Stability</b>            | Samples are stable for up to twelve months from date of receipt at -70°C.                                                                                 |
| <b>Storage</b>              | Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. |

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

 Email: [info@creative-biomart.com](mailto: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 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

**GENE INFORMATION**

**Gene Name** Cd22 CD22 molecule [ [Rattus norvegicus](#) ]

**Official Symbol** [Cd22](#)

**Synonyms** CD22; CD22 molecule; B-cell receptor CD22; CD22 antigen;

**Gene ID** [308501](#)

**mRNA Refseq** [NM\\_001107503](#)

**Protein Refseq** [NP\\_001100973](#)

**MIM**

**UniProt ID**

**Pathway** B Cell Receptor Signaling Pathway, organism-specific biosystem; B cell receptor signaling pathway, organism-specific biosystem; B cell receptor signaling pathway, conserved biosystem; Cell adhesion molecules (CAMs), organism-specific biosystem; Cell adhes

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