# CD22 (Human) Recombinant Protein

Catalog # P9660 Size 5 ug

## Specification

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|---|---|
| **Product Description** | Human CD22 (P20273, 20 a.a. - 687 a.a.) partial recombinant protein with hIgG-His tag at C-terminus expressed in Sf9 cells. |
| **Sequence** | DSSKWVFEHPETLYAWEGACVWIPCTYRALDGDLESFILFHNPEYNKNTSKFDGTRLYESTKDGK VPSEQKRVQFLGDKNKNCTLSIHPVHLNDSGQLGLRMESKTEKWMERIHLNVSERPFPPHIQLPP EIQESQEVTLTCLLNFSCYGYPIQLQWLLEGVPMRQAAVTSTSLTIKSVFTRSELKFSPQWSHHGKI VTCQLQDADGKFLSNDTVQLNVKHTPKLEIKVTPSDAIVREGDSVTMTCEVSSSNPEYTTVSWLK DGTSLKKQNTFTLNLREVTKDQSGKYCCQVSNDVGPGRSEEVFLQVQYAPEPSTVQILHSPAVE GSQVEFLCMSLANPLPTNYTWYHNGKEMQGRTEEKVHIPKILPWHAGTYSCVAENILGTGQRGPG AELDVQYPPKKVTTVIQNPMPIREGDTVTLSCNYNSSNPSVTRYEWKPHGAWEEPSLGVLKIQNV GWDNTTIACAACNSWCSWASPVALNVQYAPRDVRVRKIKPLSEIHSGNSVSLQCDFSSSHPKEV QFFWEKNGRLLGKESQLNFDSISPEDAGSYSCWVNNSIGQTASKAWTLEVLYAPRRLRVSMSPG DQVMEGKSATLTCESDANPPVSHYTWFDWNNQSLPYHSQKLRLEPVKVQHSGAYWCQGTNSV GKGRSPLSTLTVYYSPETIGRRLEPKSCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPE VTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKC KVSNKALPAPIEKTISKAKGQPREPQVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQ PENNYKTTPPVLDSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGKHHH HHH |
| **Host** | insect |
| **Theoretical MW (kDa)** | 102.1 |
| **Form** | Liquid |
| **Preparation Method** | Sf9 cell expression system |
| **Purity** | > 85.0% by SDS-PAGE |
| **Recommend Usage** | Biological Activity<br>SDS-PAGE<br>The optimal working dilution should be determined by the end user. |
| **Storage Buffer** | In PBS pH 7.4 (10% glycerol) |
| **Storage Instruction** | Store at 2°C to 8°C for 2-4 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing. |

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## Applications

- SDS-PAGE

## Gene Info — CD22

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|---|---|
| **Entrez GeneID** | 933 |
| **Protein Accession#** | P20273 |
| **Gene Name** | CD22 |
| **Gene Alias** | FLJ22814, MGC130020, SIGLEC-2, SIGLEC2 |
| **Gene Description** | CD22 molecule |
| **Omim ID** | 107266 |
| **Gene Ontology** | Hyperlink |
| **Other Designations** | CD22 antigen |

## Pathway

- B cell receptor signaling pathway
- Cell adhesion molecules (CAMs)
- Hematopoietic cell lineage

## Disease

- Cardiovascular Diseases
- Diabetes Mellitus
- Edema
- Genetic Predisposition to Disease
- Lupus Erythematosus

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- Scleroderma

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