

Bioactive

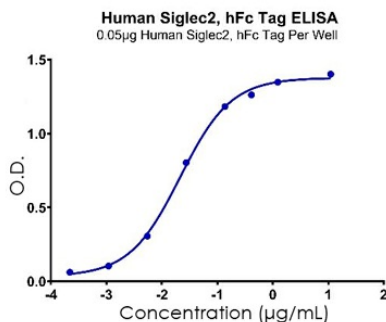
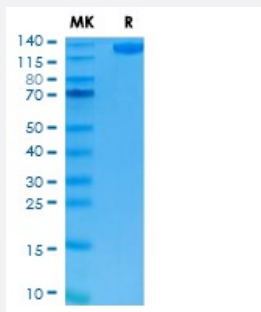
HuPro®

CD22 (Human) Recombinant Protein

Catalog # P7654

Size 100 ug

Applications



Result of bioactivity analysis

Result of bioactivity analysis

Specification

Product Description

Human CD22 (P20273, 20 a.a. - 687 a.a.) partial recombinant protein with hFc tag at C-terminus expressed in Expi293 cells.

Sequence

DSSKWVFEHPETLYAWEGACVWIPCTYRALDGDLESFILFHNPEYNKNTSKFDGTRLYESTKDGGK
VPSEQKRVQFLGDKNKNCTLSIHPVHLNDSGQLGLRMESKTEKWMERIHLNVSERPFPPHIQLPP
EIQESQEVTLTCLLNFCYGYPIQLQWLLEGVPMRQAAVTSTSLTKSVFTRSELKFSPQWSHHGKI
VTCQLQDADGKFLSNDTVQLNVKHTPKLEIKVTPSDAIVREGDSVTMTCEVSSSNPEYTTVSWLK
DGTSLLKKQNTFTLNLREVTKDQSGKYCCQVSNVGVGRSEEVFLQVQYAPSTVQILHSPA
VEGSQVEFLCMLANPLPTNYTWYHNGKEMQGRTEEKVHIPKILPWHAGTYSVAENILGTGQGRPG
AELDVQYPPKKVTTVIQNPMPPIREGDTVTLSCNYNSSNPSVTRYEWKPHGAWEPSLGLVLIQNV
GWDNTTIACAACNSWCSWASPVALNVQYAPRDVVRVRIKPLSEIHSGNSVSLQCDFSSSHPKEV
QFFWEKNGRLLGKESQLNFDISPEDAGSYSCWVNNSIGQTASKAWTLEVLVYAPRRLRVSMSPG
DQVMEGKSATLTCESDANPPVSHYTWFDWNNQSLPYHSQKLRLPEVKVQHSGAYWCQGTNSV
GKGRSPLSTLTVYSPETIGRR

Host	Mammals
Theoretical MW (kDa)	120-130
Form	Lyophilized
Preparation Method	Mammalian cell (Expi293) expression system
Purity	> 95% by SDS-PAGE
Endotoxin Level	< 1 EU per 1 ug of protein (determined by LAL method)
Activity	Immobilized Human Siglec2 at 0.5 ug/mL (100 uL/Well). Dose response curve for Biotinylated Anti-Siglec2 Ab with the EC ₅₀ of 0.2 ug/mL determined by ELISA.
Quality Control Testing	SDS-PAGE under reducing condition
Storage Buffer	Lyophilized from sterile distilled Water up to 100 ug/mL
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Result of bioactivity analysis Result of bioactivity analysis

Applications

- Functional Study
- SDS-PAGE

Gene Info — CD22

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](#)
- [Scleroderma](#)