

Product Information

MemDX™ Membrane Protein Human CD22 (CD22 molecule) Expressed in NS0 for Antibody Discovery, Partial (20-687aa)

Cat. No.: **MPX0724K**

This product is for research use only and is not intended for diagnostic use.

This product is a 101.9 kDa Human CD22 membrane protein expressed in NS0. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species

Human

Target Protein

CD22

Protein Length

Partial (20-687aa)

Protein Class

Cell adhesion

Molecular Weight

101.9 kDa

TMD

1

Sequence

DSSKWWFEHPETLYAWEGACVWIPCTYRALDGDLESFILFH
NPEYNKNTSKFDGTRLYESKDGKVPSEQKRVQFLGDKNKNCTLSIHPVHLNDSGQLGLR
MESKTEKWMERIHLNVSERPFPPHIQLPPEIQESQEVTLTCLLNFSYGYPIQLQWLLEG
VPMRQAAVTSTSLTIKSVFTRSELKFSQWWSHHGKIVTCQLQDADGKFLSNDTVQLNVKH
TPKLEIKVTPSDAIVREGDSVTMTCEVSSSNPEYTTVSWLKDGTSLKKQNTFTLNLREVT
KDQSGKYCCQVSNDVGPGRSEEVFLQVQYAPEPSTVQILHSPAVEGSQVEFLCMSLANPL
PTNYTWYHNGKEMQGRTEEKVHIPKILPWHAGTYSVAENILGTGQRGPGAELDVQYPPK
KVTTVIQNPMPIREGDTVTLSCNYNSSNPSVTRYEWKPHGAWEEPGLGVLEKIQNVGWDNT
TIACARCNSWCSWASPVALNVQYAPRDVVRKIKPLSEIHSGNSVSLQCDFSSSHPKQVQ
FFWEKNGRLLGKESQLNFDSPEDAGSYSCWVNNISIGQTASKAWTLEVLYAPRRLRVSM
SPGDQVMEGKSATLTCESDANPPVSHYTWFDWNNQSLPHHSQKLRLPEVKVQHSGAYWCQ
GTNSVGKGRSPLSTLTVYYSPETIGRR

Product Description

Activity

Yes

Expression Systems

NS0

Tag

hIgG1 Fc tag at the C-terminus

Protein Format

Soluble

Form

LYOPH

Reconstitution

Reconstitute at 100 µg/mL in sterile PBS.

Endotoxin

<1.0 EU per 1 µg of the protein by the LAL method.

Purity

>95%, by SDS-PAGE visualized with Silver Staining and quantitative densitometry by Coomassie® Blue Staining.

Buffer

Lyophilized from a 0.2 µm filtered solution in PBS.

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°C or lower. Avoid freeze/thaw cycles.

Target

Target Protein

CD22

Full Name

CD22 molecule

Alternative Names

CD22; SIGLEC2; SIGLEC-2; B-cell receptor CD22; B-lymphocyte cell adhesion molecule; BL-CAM; CD22 antigen; T-cell surface antigen Leu-14; sialic acid-binding Ig-like lectin 2; CD22 molecule

Gene ID

[933](#)

UniProt ID

[P20273](#)