

Siglec-2/CD22 Protein, Human (HEK293, His)

Cat. No.:	HY-P72019
Synonyms:	B-cell receptor CD22; BL-CAM; Siglec-2; CD22; SIGLEC2
Species:	Human
Source:	HEK 293
Accession:	P20273 (R20-R687)
Gene ID:	933
Molecular Weight:	Approximately 110 kDa

PROPERTIES

AA Sequence

D S S K W V F E H P	E T L Y A W E G A C	V W I P C T Y R A L	D G D L E S F I L F
H N P E Y N K N T S	K F D G T R L Y E S	T K D G K V P S E Q	K R V Q F L G D K N
K N C T L S I H P V	H L N D S G Q L G L	R M E S K T E K W M	E R I H L N V S E R
P F P P H I Q L P P	E I Q E S Q E V T L	T C L L N F S C Y G	Y P I Q L Q W L L E
G V P M R Q A A V T	S T S L T I K S V F	T R S E L K F S P Q	W S H H G K I V T C
Q L Q D A D G K F L	S N D T V Q L N V K	H T P K L E I K V T	P S D A I V R E G D
S V T M T C E V S S	S N P E Y T T V S W	L K D G T S L K K Q	N T F T L N L R E V
T K D Q S G K Y C C	Q V S N D V G P G R	S E E V F L Q V Q Y	A P E P S T V Q I L
H S P A V E G S Q V	E F L C M S L A N P	L P T N Y T W Y H N	G K E M Q G R T E E
K V H I P K I L P W	H A G T Y S C V A E	N I L G T G Q R G P	G A E L D V Q Y P P
K K V T T V I Q N P	M P I R E G D T V T	L S C N Y N S S N P	S V T R Y E W K P H
G A W E E P S L G V	L K I Q N V G W D N	T T I A C A A C N S	W C S W A S P V A L
N V Q Y A P R D V R	V R K I K P L S E I	H S G N S V S L Q C	D F S S S H P K E V
Q F F W E K N G R L	L G K E S Q L N F D	S I S P E D A G S Y	S C W V N N S I G Q
T A S K A W T L E V	L Y A P R R L R V S	M S P G D Q V M E G	K S A T L T C E S D
A N P P V S H Y T W	F D W N N Q S L P Y	H S Q K L R L E P V	K V Q H S G A Y W C
Q G T N S V G K G R	S P L S T L T V Y Y	S P E T I G R R	

Biological Activity Measured by its binding ability in a functional ELISA. Immobilized CD22 at 2 µg/mL can bind Anti-CD22 rabbit monoclonal antibody and the EC50 is 0.9875-1.661 ng/mL.

Appearance Lyophilized powder.

Formulation Lyophilized from a 0.2 µm solution of 20 mM Tris-HCl, 0.5 M NaCl, 6% Trehalose, pH 8.0.

Endotoxin Level <1 EU/µg, determined by LAL method.

Reconstitution It is not recommended to reconstitute to a concentration less than 100 µg/mL in sterile distilled water.

Storage & Stability Stored at -20°C. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer. It is recommended to freeze aliquots at -20°C or -80°C for extended storage.

Shipping

Room temperature in continental US; may vary elsewhere.

Caution: Product has not been fully validated for medical applications. For research use only.

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