

Siglec-11 Protein, Human (E84A, K145Q, CHO, hFc)

Cat. No.:	HY-P79127
Synonyms:	Sialic acid-binding Ig-like lectin 11; SIGLEC11; Sialic acid-binding lectin 11; Siglec-11; Sialic Acid Binding Ig-like Lectin 11
Species:	Human
Source:	CHO
Accession:	AAK72907 (N17-H543, E84A, K145Q)
Gene ID:	114132
Molecular Weight:	Approximately 113-130 kDa due to the glycosylation.

PROPERTIES

AA Sequence	<pre> NKDPSYSLQV QRQVPVPEGL CVIVSCNLSY PRDGWDESTA AYGYWFKGRT SPKTGAPVAT NNQSREVAMS TRDRFQLTGD PGKGS CSLVI RDAQREDEAW YFFRVERGSR VRHSF LSNAF FLKVTALTQK PDVYIPETLE PGQPVTVICV FNWAFKKCPA PSFSWTGAAL SPRRTRPSTS HFSVLSFTPS PQDHD TDLTC HVD FSRKGV S AQR TVRLRVA YAPKDLIISI SHDNTSALEL QGNVIYLEVQ KGQFLRL LCA ADSQPPATLS WV LQDRV LSS SHPWGPRTL G LELRGV RAGD SGRYTCRAEN RLGSQQQALD LSVQYPPENL RVMV SQANRT VLENLGN GTS LPVLE GQSLR LVCVTHSSPP ARLSWTRWGQ TVGPSQP SDP GVLEL PPIQM EH EG EFTCHA QHPLGSQHVS LSLSVHYPPQ LLGPSCSWEA EGLHCSCSSQ ASPAPSLRWW LG EELLEGNS SQGSFEVTPS SAGPWANSSL SLHGGLSSGL RLRCKAWN VH GAQSGSVFQL LPGKLEH </pre>
Biological Activity	Measured by its binding ability in a functional ELISA. When Recombinant Human Siglec-11 Protein is immobilized at 2 µg/mL (100 µL/well) can bind Biotinylated Human Siglec-15 Protein. The ED ₅₀ for this effect is 0.975 µg/mL.
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
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 ddH ₂ O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). 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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