

Recombinant Human NECTIN2 Protein, Fc-tagged

Cat. No. NECTIN2-389H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human NECTIN2 protein with Fc tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	538
Description	This gene encodes a single-pass type I membrane glycoprotein with two Ig-like C2-type domains and an Ig-like V-type domain. This protein is one of the plasma membrane components of adherens junctions. It also serves as an entry for certain mutant strains of herpes simplex virus and pseudorabies virus, and it is involved in cell to cell spreading of these viruses. Variations in this gene have been associated with differences in the severity of multiple sclerosis. Alternate transcriptional splice variants, encoding different isoforms, have been characterized.
Form	Lyophilized
Molecular Mass	62.2 kDa
AA Sequence	MARAAALLPSRSPPTPLLWPLLLLLLLETGAQDVRVQVLPEVRGQLGGTVELPCHLL PPVPGLYISLVTWQRPDAPANHQNVAAAFHPKMGPSFPSPKPGSERLSFVSAKQSTG QDTEAELQDATLALHGLTVEDEGNYTCEFATFPKGSVRGMTWLRVIAKPKNQAEAQ KVTFSDPPTTVALCISKEGRPPARISWLSSLDWEAKETQVSGTLAGTVTVTSRFTLV PSGRADGVTVTCKVEHESFEERALIPVTLVSRYPPEVSISGYDDNWYLGRTDATLSC

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DVRSNPEPTGYDWSTTSGTFPTSAVAQGSQQLVIHAVDSLNTTFVCTVTNAVGMGR
AEQVIFVRETPNTAGAGATGGIIGGIIAAIIATAVAATGILICRQQRKEQTLQGAEDEED
LEGPPSYKPPTPKAKLEAQEMPSQLFTLGASEHSPLKTPYFDAGASCTEQEMPRYH
ELPTLEERSGPLHPGATSLGSPIPVPPGPPAVEDVSLDLEDEEGEEEEEEYLDKINPIY
DALSYSSPSDSYQGKGFVMSRAMYV

Purity	> 98%
Applications	WB; ELISA; FACS; FC
Stability	This bioreagent is stable at 4 centigrade (short-term) and -70 centigrade(long-term). After reconstitution, sample may be stored at 4 centigrade for 2-7 days and below -18 centigrade for future use.
Storage	At -20 centigrade.
Concentration	1 mg/mL
Storage Buffer	PBS (pH 7.4-7.5). Sterile-filtered colorless solution.
Reconstitution	Reconstitute in sterile distilled H ₂ O to no less than 100 µg/mL; dilute reconstituted stock further in other aqueous solutions if needed. Please review COA for lot-specific instructions. Final measurements should be determined by the end-user for optimal performance.

GENE INFORMATION

Gene Name	NECTIN2 nectin cell adhesion molecule 2 [Homo sapiens (human)]
Official Symbol	NECTIN2

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Synonyms	NECTIN2; nectin cell adhesion molecule 2; HVEB; PRR2; CD112; PVRL2; PVRR2; nectin-2; herpesvirus entry protein B; poliovirus receptor-like 2; poliovirus receptor-related 2 (herpesvirus entry mediator B)
Gene ID	5819
mRNA Refseq	NM_002856
Protein Refseq	NP_002847
MIM	600798
UniProt ID	Q92692

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