

Recombinant Human NCAM1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. NCAM1-456H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	NCAM1 MS Standard C13 and N15-labeled recombinant protein (NP_851996) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a cell adhesion protein which is a member of the immunoglobulin superfamily. The encoded protein is involved in cell-to-cell interactions as well as cell-matrix interactions during development and differentiation. The encoded protein has been shown to be involved in development of the nervous system, and for cells involved in the expansion of T cells and dendritic cells which play an important role in immune surveillance. Alternative splicing results in multiple transcript variants.
Molecular Mass	94.6 kDa
AA Sequence	MLQTKDLIWLFFLGTA VSLQVDIVPSQGEISVGESKFFLCQVAGDAKDKDISWFSPN GEKLTPNQQRISVWVNDSSSTLT IYNANID DAGIYKCVVTGEDGSESEATVNVKIFQ KLMFKNAPT PQEFREGEDAVIVCDV VSSLPPTIIWKHKGRDVILKKDVR FIVLSNNYL QIRGIKKTDEGTYRCEGRILARGEINFKDIQVIVNVPPTIQARQNVNATANLGQSVTL VCDAEGFPPEPTMSWTKDGEQIEQEEDDEKYIFSDSSQLTIKKVDKNDEAEYICIAEN KAGEQDATIHLKVFAKPKITYVENQTAMELEEQVTLTCEASGDPIPSITWRTSTRNISS EEKASWTRPEKQETLDGHMVVRSHARVSSLTKSIQYTDAGEYICTASNTIGQDSQS

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MYLEVQYAPKLQGPVAVYTWEGNQVNITCEVFAYPSATISWFRDGGQLLPSSNYSNIK
 IYNTPSASYLEVTPDSENDGNYNCTAVNRIGQESLEFILVQADTPSSPSIDQVEPYS
 STAQVQFDEPEATGGVPILKYKAEWRAVGEEVWHSKWYDAKEASMEGIVTIVGLKP
 ETTYAVRLAALNGKGLGEISAASEFKTQPVQGEPSAPKLEGQMGEDGNSIKVNLIKQ
 DDGGSPIRHYLVRYRALSSEWKPEIRLPSGSDHVMLKSLDWNAEYEVYVVAENQQ
 GKSKAAHFVFR TSAQPTAIPANGSPTSGLSTGAIVGILIVIFVLLL VVVDITCYFLNKCG
 LFMCI AVNLCGKAGPGAKGKDMEEGKAAFSKDESKEPIVEVRTEEERTPNHDGGKH
 TEPNETTPLTEPEKGPVEAKPECQETETKPAPAEVKTVPN DATQTKENENKATRTR
 PLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	NCAM1 neural cell adhesion molecule 1 [Homo sapiens (human)]
Official Symbol	NCAM1
Synonyms	NCAM1; neural cell adhesion molecule 1; CD56; NCAM; neural cell adhesion molecule, NCAM; antigen recognized by monoclonal 5.1H11; MSK39;
Gene ID	4684

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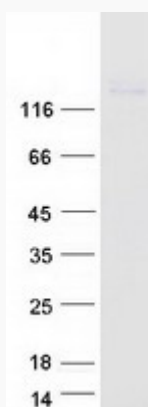
mRNA Refseq [NM_181351](#)

Protein Refseq [NP_851996](#)

MIM [116930](#)

UniProt ID [P13591](#)

SDS-PAGE



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