

Recombinant Human NCAM1 protein, His-tagged

Cat. No. NCAM1-3264H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NCAM1 protein(P13591)(31-677aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	31-677aa
Form	<p>If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.</p> <p>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.</p>
Molecular Mass	75.9 kDa
AA Sequence	<p>ISVGESKFFLCQVAGDAKDKDISWFSPNGEKLTPNQQRISVWWNDSSSTLTINYANI</p> <p>DDAGIYKCVVTGEDGSESEATVNVKIFQKLMFKNAPTPQEFREGEDAVIVCDVVSSL</p> <p>PPTIIWKHKGRDVILKKDVRFIVLSNNYLQIRGIKKTDEGTYRCEGRILARGEINFKDIQ</p> <p>VIVNVPPTIQARQNIVNATANLGQSVTLVCD AEGFPEPTMSWTKDGEQIEQEEDDEK</p> <p>YIFSDSSQLTIKKVDKNDEAEYICIAENKAGEQDATIHLKVFAKPKITYVENQTAMEL</p> <p>EEQVTLTCEASGDPIPSITWRTSTRNISSEKTLDGHMVVRSHARVSSLTLKSIQYTD</p> <p>AGEYICTASNTIGQDSQSMYLEVQYAPKLQGPVAVYTWEGNQVNITCEVFAYPSATI</p> <p>SWFRDGQLLPSSNYSNIKIYNTPSASYLEVTPDSEDFGNYNCTAVNRIGQESLEFIL</p> <p>VQADTPSSPSIDQVEPYSSAQVQVFDEPEATGGVPILKYKAEWRAVGEEVWHSKW</p>

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YDAKEASMEGIVTIVGLKPETTYAVRLAALNGKGLGEISAASEFKTQPVGGEPSAPKL
EGQMGEDGNSIKVNLIKQDDGGSPIRHYLVRYRALSSEWKPEIRLPSGSDHVMLKSL
DWNAEYEVYVVAE

Purity Greater than 85% as determined by SDS-PAGE.

Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Reconstitution Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

GENE INFORMATION

Gene Name NCAM1 neural cell adhesion molecule 1 [Homo sapiens]

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

mRNA Refseq NM_000615

Protein Refseq NP_000606

MIM 116930

UniProt ID P13591

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