

Recombinant Human NCAM1 protein, GST-tagged

Cat. No. NCAM1-1209H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NCAM1 protein(30-352 aa), fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	30-352 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.
AA Sequence	EISVGESKFFLCQVAGDAKDKDISWFSPNGEKLTPNQQRISVVWNDDSSSTLTIYNA NIDDAGIYKCVVTGEDGSESEATVNVKIFQKLMFKNAPTPQEFREGEDAVIVCDVVS SLPPTIIWKHKGRDVILKKDVRFIVLSNNYLQIRGIKKTDEGTYRCEGRILARGEINFKD IQVIVNVPPTIQRQNIIVNATANLGQSVTLVCD AEGFPEPTMSWTKDGEQIEQEEDD EKYIFSDDSSQLTIKKVDKNDEAEYICIAENKAGEQDATIHLKVFAKPKITYVENQTAM ELEEQVTLTCEASGDPIPSITWRTSTRNISSEE
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

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Reconstitution Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.
Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

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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