

Recombinant Human NCAM1 protein, His & T7-tagged

Cat. No. NCAM1-5831H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NCAM1 aa. (Thr340~Val608 (Accession # P13591)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Thr340~Val608
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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 33.3kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 5.5.

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Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

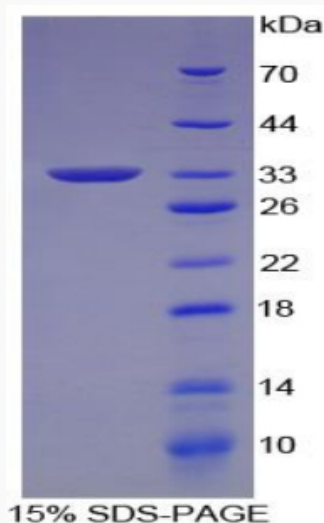
Gene Name	NCAM1 neural cell adhesion molecule 1 [Homo sapiens (human)]
Official Symbol	NCAM1
Synonyms	CD56; NCAM; MSK39; antigen recognized by monoclonal antibody 5.1H11; neural cell adhesion molecule, NCAM; neural cell adhesion molecule 1
Gene ID	4684
mRNA Refseq	NM_000615.6
Protein Refseq	NP_000606.3
UniProt ID	P13591

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SDS-PAGE



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