

Active Recombinant Mouse Ncam1, His-tagged

Cat. No. Ncam1-685M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Ncam1 (Accession # NP_001106675) Met1-Thr711, fused with a C-terminal 6-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Mouse
Source	Mammalian Cells
ProteinLength	1-711 a.a.
Predicted N Terminal	Leu20
Form	Lyophilized from a 0.2 µm filtered solution in PBS.
Bio-activity	Measured by the ability of the immobilized protein to support the adhesion of Neuro-2A mouse neuroblastoma cells. When 5 x 10 ⁴ cells/well are added to mouse NCAM-1 coated plates (25 µg/mL with 100 µL/well), >20% will adhere after 1 hour incubation at 37 °C. Optimal dilutions should be determined by each laboratory for each application.
Molecular Mass	Recombinant Mouse Ncam1, His-tagged has a calculated MW of 77.4 kDa. In SDS-PAGE migrates as 105-140 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3

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months (-70°C).

GENE INFORMATION

Gene Name	Ncam1 neural cell adhesion molecule 1 [Mus musculus]
Official Symbol	Ncam1
Synonyms	NCAM1; neural cell adhesion molecule 1; N-CAM-1; CD56; Ncam; E-NCAM; NCAM-1;
Gene ID	17967
mRNA Refseq	NM_001081445
Protein Refseq	NP_001074914
MIM	

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