w abeomics

32-13785: NCAM1 Human

Format : The NCAM1 solution (1mg/ml) contains Phosphate-Buffered Saline (pH 7.4) and 10% glycerol.

Alternative Name : Neural cell adhesion molecule 1, Neural cell adhesion molecule 1 isoform3, N-CAM-1, NCAM-1, CD56, NCAM1, NCAM1, NCAM, MSK39

Description

Source:Sf9, Baculovirus cells.

Physical Appearance:Sterile filtered colorless solution.

Biological Activitynull

Neural Cell Adhesion Molecule 1 (NCAM1) is apart of the immunoglobulin superfamily. NCAM1 bindsspecifically to neurite fasciculation, neuronneuron adhesion, outgrowth of neurites, and more. The polysialyation of NCAM1 reduces its adhesive property and increases its neurite outgrowth promoting features.NCAM1is mainly expressed in NK cells and a subset of T lymphocytes that mediate MHC-unrestricted cellmediated cytotoxicity. High expression of NCAM-1 differentiates NK cells as having an activated phenotype. During hematopoiesis, NCAM1plays a role as the prototypic marker of NK cells and also present on subset of CD4+, CD8+ and T cells. In cell adhesion, NCAM1 contributes to cell-cell adhesion during embryonic development.

NCAM1 Human Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 593 amino acids (20-603 a.a) and having a molecular mass of 65.7kDa.NCAM1 is fused to a 6 amino acid His-tag at C-terminus & purified by proprietary chromatographic techniques.

Product Info

Amount :	10 µg / 2 µg
Purification :	Greater than 95.0% as determined by SDS-PAGE.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks.Store, frozen at -20°C for longer periods of time.For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Amino Acid :	ADPLQVDIVP SQGEISVGES KFFLCQVAGD AKDKDISWFS PNGEKLTPNQ QRISVVWNDD SSSTLTIYNA NIDDAGIYKC VVTGEDGSES EATVNVKIFQ KLMFKNAPTP QEFREGEDAV IVCDVVSSLP PTIIWKHKGR DVILKKDVRF IVLSNNYLQI RGIKKTDEGT YRCEGRILAR GEINFKDIQV IVNVPPTIQA RQNIVNATAN LGQSVTLVCD AEGFPEPTMS WTKDGEQIEQ EEDDEKYIFS DDSSQLTIKK VDKNDEAEYI CIAENKAGEQ DATIHLKVFA KPKITYVENQ TAMELEEQVT LTCEASGDPI PSITWRTSTR NISSEEKTLD GHMVVRSHAR VSSLTLKSIQ YTDAGEYICT ASNTIGQDSQ SMYLEVQYAP KLQGPVAVYT WEGNQVNITC EVFAYPSATI SWFRDGQLLP SSNYSNIKIY NTPSASYLEV TPDSENDFGN YNCTAVNRIG QESLEFILVQ ADTPSSPSID QVEPYSSTAQ VQFDEPEATG GVPILKYKAE WRAVGEEVWH SKWYDAKEAS MEGIVTIVGL KPETTYAVRL AALNGKGLGE ISAASEFKTQ PVHSPPPHHH HHH