Datasheet for ABIN7319516

NrCAM Protein (Fc Tag)

Go to Product page

Overview

Quantity:	50 µg
Target:	NrCAM (NRCAM)
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NrCAM protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant Human NRCAM Protein (Fc Tag)
Sequence:	Gln25-Asn600(Pro526Ala)
Characteristics:	Recombinant Human NRCAM is produced by our Mammalian expression system and the target gene encoding Gln25-Asn600(Pro526Ala) is expressed with a Fc tag at the C-terminus.
Purity:	> 90 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	NrCAM (NRCAM)
Alternative Name:	NRCAM (NRCAM Products)
Background:	Background: Neuronal cell adhesion molecule(NRCAM) is a single-pass type I membrane protein ,containing 5 fibronectin type-III domains and 6 Ig-like C2-type (immunoglobulin-like) domains.It belongs to the immunoglobulin superfamily. NrCAM is engaged in such biological

Target Details

	processes as axonal fasciculation, cell-cell adhesion, central nervous system development, clustering of voltage-gated sodium channels, neuron migration, positive regulation of neuron differentiation, regulation of axon extension, and synaptogenesis. It also may play a role in the molecular assembly of the nodes of Ranvier. NrCAM effects are also linked with different recognition processes and signal transduction pathways regulating cell differentiation, proliferation, or migration. Synonym: Neuronal cell adhesion molecule, Nr-CAM, Neuronal surface protein Bravo, hBravo, gCAM-related cell adhesion molecule, Ng-CAM-related, KIAA0343, gCAM-related cell adhesion molecule
Molecular Weight:	91.2 kDa
Pathways:	Regulation of Cell Size

Application Details

Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.