

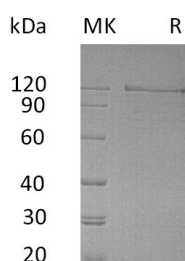
Product Name: Recombinant Human NRCAM (C-Fc)
Catalog #: PHH2054



Summary

Name	NRCAM/Neuronal cell adhesion molecule/Nr-CAM/Neuronal surface protein Bravo/hBravo/gCAM-related cell adhesion molecule/Ng-CAM-related/KIAA0343
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Human Neuronal Cell Adhesion Molecule is produced by our Mammalian expression system and the target gene encoding Gln25-Asn600 is expressed with a human IgG1 Fc tag at the C-terminus.
Accession #	AAI15737.1
Host	Human Cells
Species	Human
Predicted Molecular Mass	91.2 KDa
Formulation	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SDS-PAGE image



Background

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Alternative Names

Neuronal cell adhesion molecule; Nr-CAM; Neuronal surface protein Bravo; hBravo; gCAM-related cell adhesion molecule; Ng-CAM-related; KIAA0343

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 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

Note

For Research Use Only , Not for Diagnostic Use.