

Recombinant Human NRCAM Protein, GST-tagged

Cat. No. NRCAM-6113H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human NRCAM partial ORF (NP_005001, 50 a.a. - 159 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	Cell adhesion molecules (CAMs) are members of the immunoglobulin superfamily. This gene encodes a neuronal cell adhesion molecule with multiple immunoglobulin-like C2-type domains and fibronectin type-III domains. This ankyrin-binding protein is involved in neuron-neuron adhesion and promotes directional signaling during axonal cone growth. This gene is also expressed in non-neural tissues and may play a general role in cell-cell communication via signaling from its intracellular domain to the actin cytoskeleton during directional cell migration. Allelic variants of this gene have been associated with autism and addiction vulnerability. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq]
Molecular Mass	37.84 kDa
AA Sequence	YIIDPRENIVIQCEAKGKPPPSFSWTRNGTHFDIDKDPLVTMKPGTGTLINIMSEGKA ETYESGVYQCTARNERGA AVSNNIVVRPSRSP LWTKEKLEPITLQSGQSLVL
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

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 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Protein Array

Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

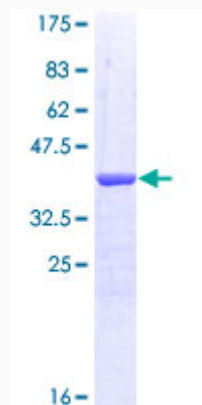
GENE INFORMATION

Gene Name	NRCAM neuronal cell adhesion molecule [Homo sapiens]
Official Symbol	NRCAM
Synonyms	NRCAM; neuronal cell adhesion molecule; Bravo; KIAA0343; NgCAM related cell adhesion molecule; neuronal surface protein Bravo; NgCAM-related cell adhesion molecule; MGC138845; MGC138846;
Gene ID	4897
mRNA Refseq	NM_001037132
Protein Refseq	NP_001032209
MIM	601581
UniProt ID	Q92823

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Quality Control**Testing:**

12.5% SDS-PAGE Stained with Coomassie Blue.

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