

Recombinant Human CNTN4 Protein, GST-tagged

Cat. No. CNTN4-1609H Lot. No. (See product label)

SPECIFICATION

Product Overview Human CNTN4 full-length ORF (AAH26119.1, 1 a.a. - 697 a.a.) recombinant protein with GST-tag at N-terminal.

Species Human

Source Wheat Germ

Description This gene encodes a member of the contactin family of immunoglobulins. Contactins are axon-associated cell adhesion molecules that function in neuronal network formation and plasticity. The encoded protein is a glycosylphosphatidylinositol-anchored neuronal membrane protein that may play a role in the formation of axon connections in the developing nervous system. Deletion or mutation of this gene may play a role in 3p deletion syndrome and autism spectrum disorders. Alternative splicing results in multiple transcript variants. [provided by RefSeq, May 2011]

Molecular Mass 102.9 kDa

AA Sequence

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MEENVFWECKANGRPKPTYKWLKNGEPLLTRDRIQIEQGTLNITIVNLS DAGMYQCL
AENKHGVIFSN AELSVI AVGPDFSR TLLKRVT LVKVGGEV VIECKPKASP KPVYTWKK
GRDILKENERITISEDGNLRIINVTKSDAGSYTCIATNHFGTASSTGNLVVKDPTRVMV
PPSSMDVTVGESIVLPCQVTHDHS LDIVFTWSFNHGLIDFDRDGDHFERVGGDSAG
DLMIRNIQLKHAGKYVCMVQTSVDRLSAAADLIVRGPPGPPEAVTIDEITDTTAQLSW
RPGPDNHSPITMYVIQARTPFSV GWQAVSTVPELIDGKTFTATV VGLNPWVEYEFRT
VAANVIGIGEPSRPSEKRRTEEALPEVTPANVSGGGGSKSELVITWETVPEELQNGR
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GFGYVVAFRPYGKMIWMLTVLASADASRYVFRNESVHPFSPFEVKVGVFNNKGEG
 PFSPTTVVYSAEEEEPTKPPASIFARSLSATDIEVFWASPLEKNRGRIQGYEVKYWRH
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 PSQPPGNIIWNSSDSKIILNWDQVKALDNESEVKGYKVLRYRNRQSSTSVIETNKTS
 VELSLPFDEDYIIEIKPFSDGGDGSSEQIRIPKISNAYARGSGASTSNACTLSAISTIMI
 SLTARSSL

Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production 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	CNTN4 contactin 4 [Homo sapiens]
Official Symbol	CNTN4
Synonyms	CNTN4; contactin 4; contactin-4; BIG 2; neural cell adhesion protein BIG-2; axonal-associated cell adhesion molecule; brain-derived immunoglobulin superfamily protein 2; AXCAM; BIG-2; MGC33615;
Gene ID	152330
mRNA Refseq	NM_001206955

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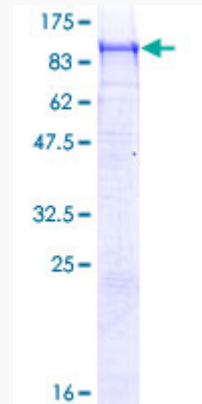
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Protein Refseq NP_001193884

MIM 607280

UniProt ID Q8IWW2

**Quality Control
Testing:**



12.5% SDS-PAGE Stained with Coomassie Blue.

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