

Product datasheet for **SC330110**

CNTN5 (NM_001243271) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CNTN5 (NM_001243271) Human Untagged Clone
Tag:	Tag Free
Symbol:	CNTN5
Synonyms:	HNB-2s; NB-2
Vector:	pCMV6-Entry (PS100001)



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Fully Sequenced ORF: >SC330110 representing NM_001243271.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGGCTTCCTCTTGAACTAATGCTGTTTCTGTCAGTCACCATGTGTCTTTCAGAGTATCAAAATCT
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Restriction Sites: SgfI-MluI
ACCN: NM_001243271
Insert Size: 2736 bp

OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_001243271.1</u>
RefSeq Size:	4475 bp
RefSeq ORF:	2736 bp
Locus ID:	53942
UniProt ID:	<u>O94779</u>
Cytogenetics:	11q22.1
MW:	100.3 kDa
Gene Summary:	<p>The protein encoded by this gene is a member of the immunoglobulin superfamily, and contactin family, which mediate cell surface interactions during nervous system development. This protein is a glycosylphosphatidylinositol (GPI)-anchored neuronal membrane protein that functions as a cell adhesion molecule. It may play a role in the formation of axon connections in the developing nervous system. Alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Aug 2011]</p> <p>Transcript Variant: This variant (4) differs at the 3' end compared to variant 1. This results in a frame-shift, and a shorter isoform (3) with a distinct C-terminus compared to isoform 1.</p>