

Product datasheet for **RC233168**

CNTN5 (NM_001243271) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CNTN5 (NM_001243271) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	CNTN5
Synonyms:	HNB-2s; NB-2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide
Sequence:**

>RC233168 representing NM_001243271
 Red=Cloning site Blue=ORF Green=Tags(s)

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 GCC**CGCATCGCC**

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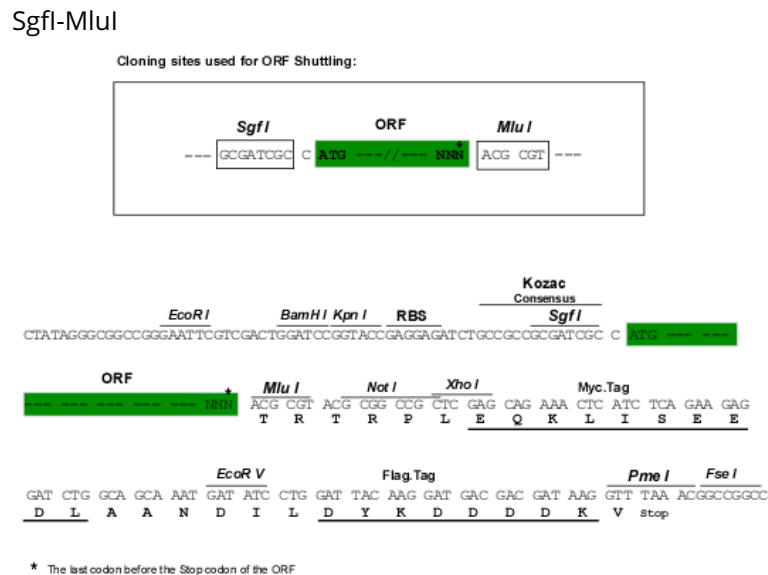
Protein Sequence: >RC233168 representing NM_001243271
 Red=Cloning site Green=Tags(s)

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 ISSYNLQARSPFSLGWQTVKTVPEIITGDMESAMAVDLNPWVEYEFRRVATNPIGTDPSTPSRMIRTNE
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 VPPLTPFEVKVGVYNNKGDGPFQIVVICS AEGEPSAAPT DVKATSVSVSEILVAWKHIKESLGRPQGF
 V

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Restriction Sites:

Cloning Scheme:

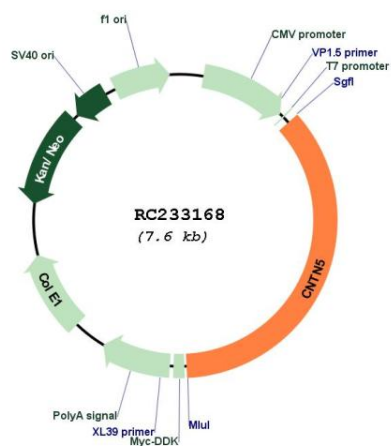


ACCN: NM_001243271

ORF Size: 2733 bp

OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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:	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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_001243271.2
RefSeq Size:	4475 bp
RefSeq ORF:	2736 bp
Locus ID:	53942
UniProt ID:	O94779
Cytogenetics:	11q22.1
MW:	100.8 kDa
Gene Summary:	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]

Product images:



Circular map for RC233168