

Product datasheet for **SC330356**

Contactin 1 (CNTN1) (NM_001256064) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Contactin 1 (CNTN1) (NM_001256064) Human Untagged Clone
Tag:	Tag Free
Symbol:	CNTN1
Synonyms:	F3; GP135; MYPCN
Vector:	pCMV6-Entry (PS100001)
Fully Sequenced ORF:	>SC330356 representing NM_001256064. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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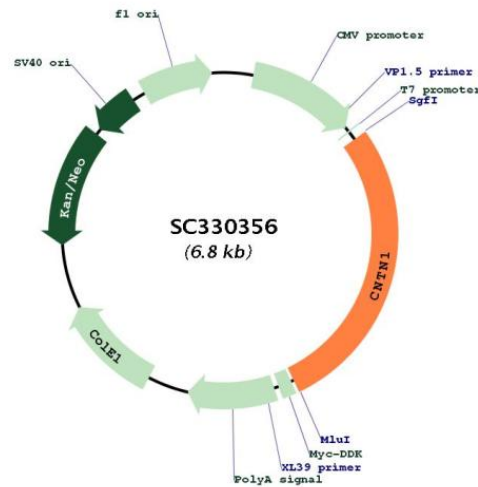
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Restriction Sites: SgfI-MluI

Plasmid Map:



ACCN: NM_001256064

Insert Size: 1884 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:

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: [NM_001256064.1](#)

RefSeq Size: 3528 bp

RefSeq ORF: 1884 bp

Locus ID: 1272

UniProt ID: [Q12860](#)

Cytogenetics: 12q12

Protein Pathways: Cell adhesion molecules (CAMs)

MW: 70.6 kDa

Gene Summary: The protein encoded by this gene is a member of the immunoglobulin superfamily. It 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. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2011]
Transcript Variant: This variant (4) differs in the 5' UTR, lacks several 3' exons and includes an alternate 3' terminal exon, compared to variant 1. The resulting isoform (3) is shorter and has a distinct C-terminus, compared to isoform 1. Variants 3 and 4 encode the same isoform 3.
Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.