

Product datasheet for **SC331791**

Nardilysin (NRDC) (NM_001242361) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nardilysin (NRDC) (NM_001242361) Human Untagged Clone
Tag:	Tag Free
Symbol:	NRDC
Synonyms:	hNRD1; hNRD2; NRD1
Vector:	pCMV6-Entry (PS100001)



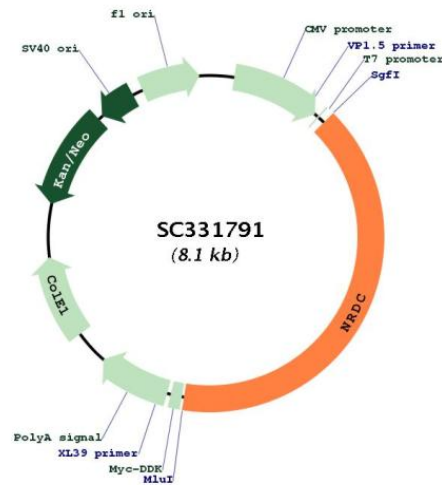
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Fully Sequenced ORF: >SC331791 representing NM_001242361.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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 TACCATAAAATAGTCAAA**TAA**

Restriction Sites: SgfI-MluI

Plasmid Map:



ACCN: NM_001242361

Insert Size: 3264 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_001242361.1](#)

RefSeq Size: 3435 bp

RefSeq ORF: 3264 bp

Locus ID: 4898

UniProt ID: [O43847](#)

Cytogenetics: 1p32.3

Protein Families: Druggable Genome, Protease

MW: 125.1 kDa

Gene Summary: This gene encodes a zinc-dependent endopeptidase that cleaves peptide substrates at the N-terminus of arginine residues in dibasic moieties and is a member of the peptidase M16 family. This protein interacts with heparin-binding EGF-like growth factor and plays a role in cell migration and proliferation. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, May 2011]
Transcript Variant: This variant (3) differs in the 5' UTR, lacks a portion of the 5' coding region, and initiates translation at an alternate start codon, compared to variant 1. The encoded isoform (c) has a distinct N-terminus and is shorter than isoform a.