

Product datasheet for SC331745

Attractin (ATRN) (NM_001207047) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Attractin (ATRN) (NM_001207047) Human Untagged Clone
Tag: Tag Free
Symbol: ATRN
Synonyms: DPPT-L; MGCA
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC331745 representing NM_001207047.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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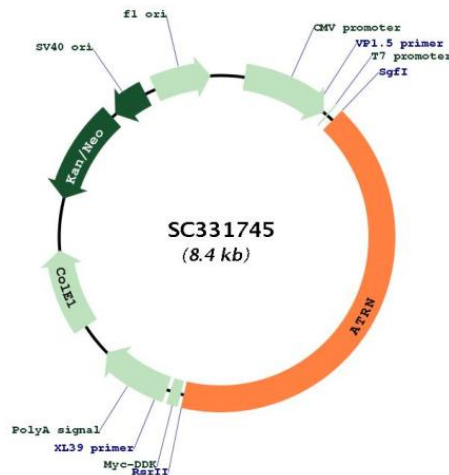
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Restriction Sites:

Sgfl-RsrII

Plasmid Map:

ACCN:

NM_001207047

Insert Size:

3471 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_001207047.1</u>
RefSeq Size:	3584 bp
RefSeq ORF:	3471 bp
Locus ID:	8455
UniProt ID:	<u>O75882</u>
Cytogenetics:	20p13
Protein Families:	Druggable Genome, Secreted Protein, Transmembrane
MW:	129.8 kDa
Gene Summary:	<p>This gene encodes both membrane-bound and secreted protein isoforms. A membrane-bound isoform exhibits sequence similarity with the mouse mahogany protein, a receptor involved in controlling obesity. A secreted isoform is involved in the initial immune cell clustering during inflammatory responses that may regulate the chemotactic activity of chemokines. [provided by RefSeq, Apr 2016]</p> <p>Transcript Variant: This variant (4) uses an alternate splice junction at the 3' end of the first exon and differs in the 3' UTR and coding region compared to variant 1. The resulting isoform (4) has distinct N- and C-termini compared to isoform 1. Unlike isoform 1, which is membrane-bound, isoform 4 is secreted.</p>