

Product datasheet for **SC335736**

Nck (NCK1) (NM_001291999) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Nck (NCK1) (NM_001291999) Human Untagged Clone
Tag: Tag Free
Symbol: NCK1
Synonyms: NCK; nck-1; NCKalpha
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC335736 representing NM_001291999.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

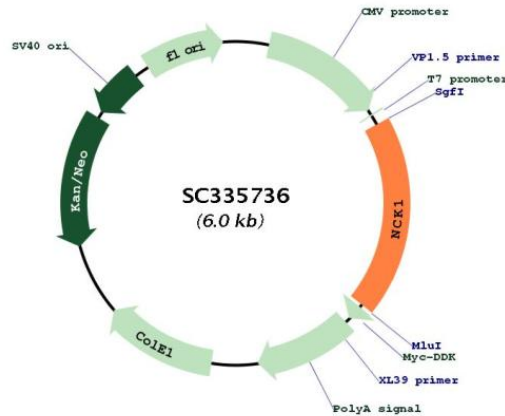
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Restriction Sites: SgfI-MluI



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Plasmid Map:


ACCN: NM_001291999

Insert Size: 1134 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_001291999.1](#)

RefSeq Size: 4455 bp

RefSeq ORF:	1134 bp
Locus ID:	4690
UniProt ID:	P16333
Cytogenetics:	3q22.3
Protein Families:	Druggable Genome
Protein Pathways:	Axon guidance, ErbB signaling pathway, Pathogenic Escherichia coli infection, T cell receptor signaling pathway
MW:	42.9 kDa
Gene Summary:	<p>The protein encoded by this gene is one of the signaling and transforming proteins containing Src homology 2 and 3 (SH2 and SH3) domains. It is located in the cytoplasm and is an adaptor protein involved in transducing signals from receptor tyrosine kinases to downstream signal recipients such as RAS. Alternatively spliced transcript variants encoding different isoforms have been found. [provided by RefSeq, Jun 2010]</p> <p>Transcript Variant: This variant (3) differs in the 5' UTR compared to variant 1. Variants 1 and 3 encode the same protein (isoform 1). 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.</p>