

Product datasheet for **SC330323**

NABP1 (NM_001254736) Human Untagged Clone

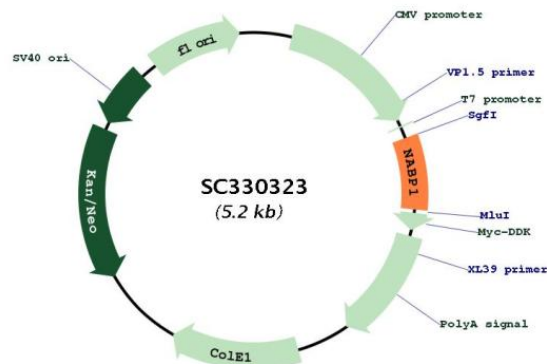
Product data:

Product Type: Expression Plasmids
Product Name: NABP1 (NM_001254736) Human Untagged Clone
Tag: Tag Free
Symbol: NABP1
Synonyms: OBFC2A; SOSS-B2; SSB2
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC330323 representing NM_001254736.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGTGGAAGGATGTCTGACACTTTATACTGGAAGGGTGGTGAACCTCAAAAAATTGGGAATTTGT
ATGGTTTATTCAGAAGTGCCAAATTTTCAGTGAACCCAACCCAGATTATCGAGGACAGCAGAACAAGGG
GCACAGAGTGAACAGAAGAATAATTCATGAATAGTAATATGGGTACAGGTACATTTGGACCAGTGGGA
AATGGTGTTCACACTGGCCCTGAATCAAGGAACACCAGTTTTTCACATGCTGGCAGAAGCAATGGCCGG
GGACTTATAAATCCAACTACAAGGAACAGCTAGTAATCAAACAGTGATGACCACAATAAGTAATGGC
AGGGACCCTCGGAGAGCCTTTAAAAGATGA
```

Restriction Sites: SgfI-MluI

Plasmid Map:



ACCN: NM_001254736



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Insert Size:	375 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_001254736.1</u>
RefSeq Size:	3465 bp
RefSeq ORF:	375 bp
Locus ID:	64859
UniProt ID:	<u>Q96AH0</u>
Cytogenetics:	2q32.3
MW:	13.6 kDa
Gene Summary:	Single-stranded DNA (ssDNA)-binding proteins, such as OBFC2A, are ubiquitous and essential for a variety of DNA metabolic processes, including replication, recombination, and detection and repair of damage (Richard et al., 2008 [PubMed 18449195]).[supplied by OMIM, Jun 2008] Transcript Variant: This variant (2) differs in the 5' UTR, lacks a portion of the 5' coding region, and initiates translation at a downstream start codon, compared to variant 1. The encoded isoform (2) has a shorter N-terminus, compared to isoform 1.