

Product datasheet for **SC302561**

NABP1 (NM_001031716) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NABP1 (NM_001031716) Human Untagged Clone
Tag:	Tag Free
Symbol:	NABP1
Synonyms:	OBFC2A; SOSS-B2; SSB2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_001031716 edited ATGAATAGGGTCAACGACCCACTTATTTTTATAAGAGATATTAAGCCCGACTGAAAAAC TTAAATGTCGTCTTTATTGTCTGGAGATAGGACGCGTGACCAAAACCAAGACGGCCAT GAAGTGAGATCGTGCAAAGTAGCAGATAAAACGGGCAGCATCACTATTTCCGTGTGGAT GAGATCGGAGGTCTTATACAGCCAGGGATATTATTCGGTTGACCAGAGGGTATGCATCC ATGTGGAAGGATGTCTGACACTTTATACTGGAAGGGTGGTGAACCTCAAAAAATTGGG GAATTTTGTATGGTTTATTCAGAAGTGCCAAATTCAGTGAACCAACCCAGATTATCGA GGACAGCAGAACAAGGGGCACAGAGTGAACAGAAGAATAATTCCATGAATAGTAATATG GGTACAGGTACATTTGGACCAAGTGGGAAATGGTGTTCACACTGGCCCTGAATCAAGGGAA CACCAGTTTTACATGCTGGCAGAAGCAATGGCCGGGACTTATAAATCCACAAC TACAA GGAACAGCTAGTAATCAAACAGTGATGACCACAATAAGTAATGGCAGGGACCCCTCGGAGA GCCTTTAAAAGATGA
Restriction Sites:	Please inquire
ACCN:	NM_001031716
Insert Size:	600 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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.



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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_001031716.1, NP_001026886.1</u>
RefSeq Size:	1879 bp
RefSeq ORF:	615 bp
Locus ID:	64859
UniProt ID:	<u>Q96AH0</u>
Cytogenetics:	2q32.3
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 (1) encodes the longer isoform (1).