

Product datasheet for **SC304132**

OBP2B (NM_014581) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	OBP2B (NM_014581) Human Untagged Clone
Tag:	Tag Free
Symbol:	OBP2B
Synonyms:	LCN14; OBPIIb
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_014581 edited

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GAGGTCGGCAGCACAGAGCTCTGGAGATGAAGACCCTGTTCTGGGTGTCACGCTCGGCC
TGGCCGCTGCCCTGTCTTCACCCTGGAGGAGGATATCACAGGGACCTGGTACGTGA
AGGCCATGGTGGTCGATAAGGACTTCCGGAGGACAGGAGGCCAGGAAGGTGTCCCCAG
TGAAGGTGACAGCCCTGGCGGTGGGAAGTTGGAAGCCACGTTACCTTCATGAGGGAGG
ATCGGTGCATCCAGAAGAAAATCCTGATGCGGAAGACGGAGGAGCCTGGCAAATACAGCG
CCTATGGGGCAGGAAGCTCATGTACCTGCAGGAGCTGCCAGGAGGGACCACTACATCT
TTTACTGCAAAGACCAGCACCATGGGGGCTGCTCCACATGGGAAAGCTTGTGGTAGGA
ATTCTGATACCAACCGGGAGGCCCTGGAAGAATTAAGAAATTGGTGCAGCGCAAGGGAC
TCTCGGAGGAGGACATTTTCACGCCCTGCAGACGGGAAGCTGCGTTCCCGAACACTAGG
CAGCCCCCGGTCTGCACCTCCAGAGCCCACCCTACCACCAGACACAGAGCCCGGACCAC
CTGGACCTACCCTCCAGCCATGACCCTTCCTGCTCCACCCACCTGACT
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Restriction Sites:	Please inquire
ACCN:	NM_014581
Insert Size:	650 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:	The ORF of this clone has been fully sequenced and found to be a perfect match to NM_014581.2.


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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_014581.2, NP_055396.1</u>
RefSeq Size:	689 bp
RefSeq ORF:	513 bp
Locus ID:	29989
UniProt ID:	<u>Q9NPH6</u>
Cytogenetics:	9q34.2
Protein Families:	Secreted Protein
Gene Summary:	<p>Probably binds and transports small hydrophobic volatile molecules.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (alpha, PMID:10607840) differs in the 3' UTR, compared to variant 1. Variants 1 and alpha encode the same protein.</p>