

Product datasheet for **SC337673**

OSBP2 (NM_001282739) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	OSBP2 (NM_001282739) Human Untagged Clone
Tag:	Tag Free
Symbol:	OSBP2
Synonyms:	HLM; ORP-4; ORP4; OSBPL1; OSBPL4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_001282739, the custom clone sequence may differ by one or more nucleotides

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ATGGGAAAGCGGCGCTCCGAGCCGAGGCGGCGGCTGTGGCGGCCGCTCCCGGGGCTCTCGTCGCTGT
TCACGGTTGTCCCCTGCCTGTCGTGCCACACGGCGGCCCGGGCATGAGCGCTTCCACGTCCGGCTCCGG
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TGCCCAACATCTTGA
    
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Restriction Sites: Sgfl-MluI
ACCN: NM_001282739

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:	NM_001282739.1 , NP_001269668.1
RefSeq Size:	4346 bp
RefSeq ORF:	2748 bp
Locus ID:	23762
UniProt ID:	Q969R2
Cytogenetics:	22q12.2
Gene Summary:	<p>The protein encoded by this gene contains a pleckstrin homology (PH) domain and an oxysterol-binding region. It binds oxysterols such as 7-ketocholesterol and may inhibit their cytotoxicity. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Sep 2013]</p> <p>Transcript Variant: This variant (4) uses an alternate in-frame splice site, compared to variant 1. The encoded isoform (d) is shorter than isoform a.</p>