

## Product datasheet for **SC334897**

### HSPE1-MOB4 (NM\_001202485) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	HSPE1-MOB4 (NM_001202485) Human Untagged Clone
Tag:	Tag Free
Symbol:	HSPE1-MOB4
Synonyms:	HSPE1-PHOCN
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001202485, the custom clone sequence may differ by one or more nucleotides

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ATGGCAGGACAAGCGTTTAGAAAGTTTCTTCCACTCTTTGACCGAGTATTGGTTGAAAGGAGTGCTGCTG
AAACTGTAACCAAGGAGGCATTATGCTTCCAGAAAAATCTCAAGGAAAAGTATTGCAAGCAACAGTAGT
CGCTGTTGGATCGGGTTCTAAAGGAAAGGATTTCTATAATTGGCCTGATGAATCCTTTGATGAAATGGAC
AGTACACTAGCTGTTCAACAGTATATTCAACAGAACATAAGAGCAGATTGCTCCAATATTGACAAAATTC
TTGAACCACTGAAGCCAAGATGAAGGTGTGGAAAGTATGAACATTTAAGGCAGTTCTGCCTTGAGCT
AAATGGACTTGCTGTCAAACCTTCAGAGTGAATGCCATCCAGATACTTGCCTCAAATGACAGCAACTGAA
CAATGGATTTTTCTTTGTGCAGCTCATAAACTCCAAAAGAGTGTCTGCTATAGACTATACTAGACACA
CACTTGATGGTGTGCTGATGCTTCTGAATAGCAATAAATATTTTCCAGCAGGGTTAGCATAAAGGAATC
ATCTGTAGCGAAACTAGGATCAGTATGCCGTAGGATTTACAGAATATTTTACATGCTTATTTTCATCAT
CGGCAGATATTTGATGAATATGAAAATGAAACATTTTTGTGTCATCGGTTTACTAAGTTTGTGATGAAAT
ACAATTTGATGTCCAAGGATAACCTGATTGTACCAATTTTAGAAGAGGAAGTACAGAATTCAGTTTCTGG
GGAAAGTGAAGCATGA
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Restriction Sites:	Sgfl-MluI
ACCN:	NM_001202485
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).



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<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u>NM_001202485.1, NP_001189414.1</u>
<b>RefSeq Size:</b>	4279 bp
<b>RefSeq ORF:</b>	786 bp
<b>Locus ID:</b>	100529241
<b>Cytogenetics:</b>	2q33.1
<b>Gene Summary:</b>	This locus represents naturally occurring read-through transcription between the neighboring HSPE1 (heat shock 10kDa protein 1 (chaperonin 10)) and MOB4 (MOB family member 4, phocein) genes on chromosome 2. The read-through transcript produces a fusion protein that shares sequence identity with each individual gene product. [provided by RefSeq, Oct 2011]