

Product datasheet for **SC307617**

NMES1 (C15orf48) (NM_197955) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NMES1 (C15orf48) (NM_197955) Human Untagged Clone
Tag:	Tag Free
Symbol:	C15orf48
Synonyms:	COXFA4L3; FOAP-11; MIR147BHG; MISTRAY; MOCCI; NMES1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC307617 representing NM_197955. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGAGCTTTTTCCAACCTCTGATGAAAAGGAAGGAACTATTCCCTTGGTGGTGTTCATGACTGTGGCG
GCGGGTGGAGCCTCATCTTTGCTGTGTATTCTTTGGAAAACCGATGTGATCCTTGATCGAAAAAAA
AATCCAGAACCTGGGAACTGTGGACCCTACTGTACCTCAAAGCTTATAACAATCAACCAACAATGG
AAACCCATTGAAGAGTTGCAAAATGTCCAAGGGTGACCAATGA
ACGGGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC
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Restriction Sites:	Sgfl-Mlul
Plasmid Map:	<input type="checkbox"/>
ACCN:	NM_197955
Insert Size:	252 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_197955.2</u>
RefSeq Size:	839 bp
RefSeq ORF:	252 bp
Locus ID:	84419
UniProt ID:	<u>Q9C002</u>
Cytogenetics:	15q21.1
Protein Families:	Transmembrane
MW:	9.6 kDa
Gene Summary:	<p>This gene was first identified in a study of human esophageal squamous cell carcinoma tissues. Levels of both the message and protein are reduced in carcinoma samples. In adult human tissues, this gene is expressed in the the esophagus, stomach, small intestine, colon and placenta. Alternatively spliced transcript variants that encode the same protein have been identified. [provided by RefSeq, Jun 2012]</p> <p>Transcript Variant: This variant (1) encodes the functional protein. Both variants 1 and 2 encode the same protein.</p>