

Product datasheet for **SC122498**

NMES1 (C15orf48) (BC021173) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NMES1 (C15orf48) (BC021173) Human Untagged Clone
Tag:	Tag Free
Symbol:	NMES1
Synonyms:	FOAP-11; NMES1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for BC021173 edited
GGGGTTCCGGGCGTTACCATCGTCCGTGCGCACCGCCCGGCGTCCAGATTGGCAATTCT
TCGCTGAAGTCATCATGAGCTTTTCCAACCTCCTGATGAAAAGGAAGAACTCATTCCCT
TGGTGGTGTTCATGACTGTGGCGGGGTGGAGCCTCATCTTTCGCTGTGTATTCTCTTT
GGAAAACCGATGTGATCCTTGATCGAAAAAAAAATCCAGAACCTTGGGAACTGTGGACC
CTACTGTACCTCAAAGCTTATAACAATCAACCAACAATGGAAACCCATTGAAGAGTTGC
AAAATGTCCAAAGGGTGACCAAATGACGAGCCCTCGCCTCTTCTCTGAAGAGTACTCT
ATAAATCTAGTGGAAACATTTCTGCACAACTAGATTCTGGACACCAGTGTGCGGAAATG
CTTCTGCTACATTTTTAGGGTTTGTCTACATTTTTGGGCTCTGGATAAGGAATTAAGG
AGTGCAGCAATAACTGCACTGTCTAAAAGTTTGTGCTTATTTCTGTAAATTTGAATAT
TGCATATTGAAATTTTTGTTTATGATCTATGAATGTTTTCTTAAAATTTACAAAGCTTT
GTAAATTAGATTTCTTTAATAAAATGCCATTTGTGCAAGAAAAAAAAAAAAAAAAAAAA



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5' Read Nucleotide Sequence:	>OriGene 5' read for BC021173 unedited NGTCGAGTTTTTATTTGTATACGACTCACTATAGGCGGCCGCATAACTTCGTATAGCATA CATTATACGAAGTTATGGATCAGGCCAAATCGGCCGAGCTCGAATTCGTGAGAGCGGGG GGTTCGGGGCGTTACCATCGTCCGTGCGCACCCGCCGCGTCCAGATTTGGCAATTCTTC GCTGAAGTCATCATGAGCTTTTTCCAACCTCTGATGAAAAGGAAGGAACCTATTCCTTG GTGGTGTTCATGACTGTGGCGGGTGGAGCCTCATCTTTCGCTGTGTATTCTCTTTGG AAAACCGATGTGATCCTTGATCGAAAAAAAATCCAGAACCTTGGGAAACTGTGGACCCT ACTGTACCTCAAAGCTTATAACAATCAACCAACAATGGAAACCCATTGAAGAGTTGCAA AATGTCCAAAGGGTGACCAAATGACGAGCCCTCGCCTCTTCTTGAAGAGTACTCTAT AAATCTAGTGAAACATTTCTGCACAACTAGATTCTGGACACCAGTGTGCGGAAATGCT TCTGCTACATTTTAGGGTTTGTCTACATTTTGGGCTCTGGATAAGGAATTAAGGAG TGCAGCAATAACTGCACTGTCTAAAAGTTGTGCTTATTTCTTGAATTTGAATATTG CATATTGAAATTTTGTATGATCTATGAATGTTTTTCTAAAATTTACAAAGCTTTGT AAATTAGATTTTCTTAATAAAATGCCATTTGTGCAAGAAAAAAAAAAAAAAAAACTCTCC AGCGCTGGATCCCGCCATAAGGCCTGATCCTNCGAGGGGGGCCCGGTACCGATATCAAG CTGTCGACTCTAGATTGCCCGCNGTCATAGCTGTTTCTG
Restriction Sites:	Please inquire
ACCN:	BC021173
Insert Size:	661 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).
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:	BC021173.2 , AAH21173.1
RefSeq Size:	656 bp
RefSeq ORF:	249 bp
Locus ID:	84419
Cytogenetics:	15q21.1
Protein Families:	Transmembrane

Gene Summary:

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]