

Product datasheet for **SC321018**

NME2 (NME1-NME2) (NM_001018136) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NME2 (NME1-NME2) (NM_001018136) Human Untagged Clone
Tag:	Tag Free
Symbol:	NME2
Synonyms:	NM23-LV; NMELV
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_001018136.1
 GGGGAGTTCAAACCTAAGCAGCTGGAAGGGCCCTGTGGCTAGGTACCATAGAGTCTCTAC
 ACAGGACTAAATCAGCCTGGTGTGCAGGGGAGGCAGACACGCAAACAGAAAATTGGACTA
 CAGTGCTAAGATGCTGTAAGAAGAGGTTAACTAAAGGACAGGAAGATGGGGCCAAGAGAT
 GGTGCTACTGTCTACTTTAGGGATCGTCTTTCAAGGCGAGGGGCCTCCTATCTCAAGCTG
 TGATACAGGAACCATGGCCAACGTGAGCGTACCTTCATTGCGATCAAACCAGATGGGGT
 CCAGCGGGGTCTGTGGGAGAGATTATCAAGCGTTTTGAGCAGAAAGGATTCCGCCTTGT
 TGGTCTGAAATTCATGCAAGCTCCGAAGATCTTCTCAAGGAACACTACGTTGACCTGAA
 GGACCGTCCATTCTTCCCGCCTGGTCAAATACATGCACTCAGGGCCGGTAGTTGCCAT
 GGTCTGGGAGGGGCTGAATGTGGTGAAGACGGGCCGAGTCATGCTCGGGGAGACCAACCC
 TGCAGACTCCAAGCCTGGGACCATCCGTGGAGACTTCTGCATACAAGTTGGCAGGACCAT
 GGCCAACCTGGAGCGCACCTTCATCGCCATCAAGCCGGACGGCGTGCAGCGCGGCCTGGT
 GGGCGAGATCATCAAGCGCTTCGAGCAGAAGGGATTCCGCCTCGTGGCCATGAAGTTCTT
 CCGGGCCTCTGAAGAACACCTGAAGCAGCACTACATTGACCTGAAAGACCGACCATTTCTT
 CCCTGGGCTGGTGAAGTACATGAACTCAGGGCCGGTGTGGCCATGGTCTGGGAGGGGCT
 GAACGTGGTGAAGACAGGCCGAGTGATGCTTGGGAGACCAATCCAGCAGATTCAAAGCC
 AGGCACCATTCGTGGGACTTCTGCATTGAGTTGGCAGGAACATCATTGAGCAGTGA
 TTCAGTAAAAAGTGCTGAAAAAGAAATCAGCCTATGGTTAAGCCTGAAGAACTGGTTGA
 CTACAAGTCTTGTGCTCATGACTGGGTCTATGAATAAGAGGTGGACACAACAGCAGTCTC
 CTTCAGCACGGCGTGGTGTGTCCTGGACACAGCTCTTCAATTCATTGACTTAGAGGCAA
 CAGGATTGATCATTCTTTTATAGAGCATATTTGCCAATAAAGCTTTTGGAAAGCCGAAAAA
 AAAAAAAAAAAAAAAAAAAAAA

Restriction Sites:	Please inquire
ACCN:	NM_001018136



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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.
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_001018136.1</u> , <u>NP_001018146.1</u>
RefSeq Size:	1107 bp
RefSeq ORF:	1092 bp
Locus ID:	654364
UniProt ID:	<u>P22392</u>
Cytogenetics:	17q21.33
Protein Families:	Druggable Genome, Stem cell - Pluripotency
Protein Pathways:	Metabolic pathways, Purine metabolism, Pyrimidine metabolism
Gene Summary:	<p>This locus represents naturally occurring read-through transcription between the neighboring NME1 and NME2 genes. The significance of this read-through transcription and the function of the resulting protein product have not yet been determined. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Nov 2010]</p> <p>Transcript Variant: This variant (1) represents the shorter transcript but encodes the supported protein.</p>