

Product datasheet for **SC301489**

EME2 (NM_001010865) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: EME2 (NM_001010865) Human Untagged Clone
Tag: Tag Free
Symbol: EME2
Synonyms: FLJ00151; gs125; SLX2B
Mammalian Cell Selection: None
Vector: pCMV6-XL5
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_001010865 edited
AAGCAGAAGGGCCGTCAAGGCCACCATGGCGCGGTTGGACCCGGGAGGGCGGGGTCT
CTTGCCAGGGCCGGGGCCGGGGACGGGGCGGGAGCGGTGACGGCGACCTCCAACCTGGG
AGATCTCAGACTCCGACGCTGAGGACTCCGCGGCTCGGAGGCCCGCGAGAGCCCGGG
ACCCAGCGGGTGAGCGCAGGGCGGCTGCCGAGGCGTTGCCGGTGTGCCGCCGAGCAGG
TGCTGAAGCGCCTCGCGGTGTGCGTGGACACAGCCATCCTGGAAGACGCCGTGCCGACG
TCCTGATGGAGGCCCTGGAGGCCCTGGGCTGCGAGTGCCGCATCGAGCCCCAGCGCCCG
CCCGCAGCCTGCCGTGGACCCGAGCGAGTCCCGACCCCTGCCCCCGCAGCCTGCCTCCTG
AAGTGTGGGCTGCAGGTGAACAGGAATTGCTGCTGCTGCTGGAGCCCAGGAGTTTCTGC
AGGGCGTGCACACTGACCCAGATCTCTGGCCCAACCCACTGGGTGCCCTGGATCTCCC
CCGAGACCACCGCCCGCCACCTGGCTGTCATCGGGCTGGATGCCTACCTGTGGTACC
GCTCACTCTCATGCCACAGCAGGGCTGGCTGGGACGGGGTTACGGGGAGGTGGGCTCT
GGCAGAGGCCAAGCTCGGGCAGGGCAGGCCCATGGGGAGCGGGGAGGAATGGTCACTC
TGCTCAGGTCTCGCCAGCACGTTTCCCGGGGACACAGCAGCCAGAGAGCCCGAAGGTGG
CCGGTGCCGAGGTGGCCGTGAGTGGCCGAGGTGGAAGAGGTGAGGGCCTGTCTGAGCT
GGGCCCTGGTACTCCTGCAGCTCTGGGCAAACCTGGACGTGCTACTGGTGGCCTCTTGGC
AGGAGCTGAGTCGGCACGTGTGCCCGTTACCAAGGCTCTCGCCAGTATCCCCTCAAGT
GCGTGATGCCAAGGCTGAAGGGGGCAGGATCACCTCAAGGCAGTACCGGAATCCCAGG
CCTTCTCCTTCTGCACAGCAGGGCGCTGGGCAGCCGGCGAGCAGTGGCAAGAGACGGCG
CAGGGCTGCAGGCGCCCTGGCGGAGGCAGATCAGGCAGTTCAGTCGGGTACGCCAGCCG
TGGCTGATGCAGTTGTACAGCCTTCCCCTCCCCCGCCTTCTGCAGCAGGCGCTGGAGG
CCTGCAGCACGGAGCGGGAGCGCATGGGCCTCCTGGCCGACCTTCTGTGCCGCCAGTG
AAGGCGGGCGTCCCCGAGGGTGGGCCTGACCTCTCCCGCCGATCTGCCTTCTCCTGA
CCACAGCCAACCCTGATCTCCTGCTGGACCTGGGCTCCT:AGGGCCTCATGGGCCAGCT
TTCTTGATAC

Restriction Sites: Please inquire



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ACCN:	NM_001010865
Insert Size:	1400 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:	The ORF of this clone has been fully sequenced and found to be a perfect match to NM_001010865.1.
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_001010865.1, NP_001010865.1</u>
RefSeq Size:	1335 bp
RefSeq ORF:	1335 bp
Locus ID:	197342
Cytogenetics:	16p13.3
Gene Summary:	EME2 forms a heterodimer with MUS81 (MIM 606591) that functions as an XPF (MIM 278760)-type flap/fork endonuclease in DNA repair (Ciccia et al., 2007 [PubMed 17289582]).[supplied by OMIM, Mar 2008]