

Product datasheet for SC332536

EME2 (NM_001257370) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: EME2 (NM_001257370) Human Untagged Clone
Tag: Tag Free
Symbol: EME2
Synonyms: gs125; SLX2B
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC332536 representing NM_001257370.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGGCGCGGTTGGACCCGGGAGGGCGGGGTCTCTTGCCAGGGCCGGGCGGGGACGGGGCGGGAGC
GGTCAGCGGCGACCTCCAACCTGGGAGATCTCAGACTCCGACGCTGAGGACTCCGCCGGCTCGGAGGCC
GCCGCGAGAGCCCGGACCCAGCGGGTGTGCGTGGACAGGGCGGCTGCCGAGGCGTTGCGGCTGCTGCGCCG
GAGCAGGTCTGAAGCGCTCGCGGTGTGCGTGGACACAGCCATCTGGAAGACGCCGTGCCGACGTC
CTGATGGAGGCCCTGGAGGCCCTGGGCTGCGAGTGCCGCATCGAGCCCCAGCGCCCGGCCCGCAGCCTG
CGGTGGACCCGAGCGAGTCCCGACCCCTGCCCGCAGCCTGCCTCCTGAAGTGTGGGCTGCAGGTGAA
CAGGAATTGCTGCTGCTGCTGGAGCCCGAGGAGTTTCTGCAAGGGCGTCGCCACACTGACCAGATCTCT
GGCCCAACCCACTGGGTGCCCTGGATCTCCCCGAGACCACCGCCCGGCCCCACCTGGCTGTTCATCGGG
CTGGATGCCTACCTGTGGTCTCGCCAGCACGTTTCCCGGGGACACAGCAGCCAGAGAGCCGAAGGTG
GCCGGTGGCGAGGTGGCCGTGAGCTGGCCGGAGGTGGAAGAGGCCCTGGTACTCTGCAGCTCTGGGCA
AACCTGGACGTGCTACTGGTGGCCTCTTGGCAGGAGCTGAGTCGGCACGTGTGCGCCGTTACCAAGGCT
CTCGCCAGTATCCCCTCAAGCAGTACCGGGAATCCCAGGCCTTCTCTTCTGCACAGCAGGGCGCTGG
GCAGCCGGCGAGCCAGTGGAAGAGACGGCGCAGGGCTGCAGGCGGCTGGCGGAGGCAGATCAGGCAG
TTCAGTCGGGTCAGCCAGCCGTGGCTGATGCAGTTGTACAGCCTTCCCCTCCCCCGCCTTCTGCAG
CAGGCGCTGGAGGCTGCAGCACGGAGCGGAGCGCATGGGCCTCTGGCCGACCTTCTGTGCCGCC
AGTGAAGCGGGCGTCCCCGAGGGTGGGGCTGACCTCTCCCGCCGATCTGCCTTCTCTGACCACA
GCCAACCTGATCTCTGCTGGACCTGGGCTCC TGA
  
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Restriction Sites: SgfI-MluI
ACCN: NM_001257370
Insert Size: 1140 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).



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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_001257370.1</u>
RefSeq Size:	1140 bp
RefSeq ORF:	1140 bp
Locus ID:	197342
UniProt ID:	<u>A4GXA9</u>
Cytogenetics:	16p13.3
MW:	41.2 kDa
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]