

Product datasheet for **SC320886**

FAM86A (EEF2KMT) (NM_201400) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FAM86A (EEF2KMT) (NM_201400) Human Untagged Clone
Tag:	Tag Free
Symbol:	FAM86A
Synonyms:	eEF2-KMT; EFM3; FAM86A; SB153
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_201400.1
 CATGGCGCCCGAGGAGAACGCGGGGACCGAACTCTTGCTGCAGAGTTTCGAGCGCCGCTT
 CCTGGCGGCACGCACACTGCGCTCCTTCCCCTGGCAGAGCTTAGAAGCAAAGTTAAGAGA
 CTCATCAGATTCTGAGCTGCTGCGGGATATTTTGCACAAGACTGTGAAGCATCCTGTGTG
 TGTGAAGCACCCGCCGTCGTCAAATATGCCCGGTGCTTCTCTCAGAATCATAAAAA
 GCACGAGGCTGTCCACACAGAGCCTTTGGACGAGCTGTATGAAGCGCTGGCGGAGACCCT
 GATGGCCAAGGAGTCCACCCAGGGCCACCGGAGCTATTTGCTGCCCTCGGAGGCTCGGT
 CACACTCTCCGAGAGCACGGCCATCATCTCCTACGGTACCACAGGCTGGTCACATGGGA
 CGCCGCCCTCTACCTTGAGAATGGGCCATCGAGAACCCGGCAGTCTTACTAACAGGAC
 TGTCTAGAGCTTGGCAGTGGTCTGGCCTCACAGGCCTGGCCATCTGCAAGATGTGCCG
 CCCCCGGGCATACATCTTACGCGACTGTCACAGCCGGGTCTTGAGCAGCTCCGAGGGAA
 TGTCTTCTCAATGGCTCTCATTAGAGGCAGACACTGCCAAGTTAGACAGCCCCAG
 GGTGACAGTGGCCAGCTGGACTGGGACGTCGCGACGGTCCATCAGCTCTCTGCCTTCCA
 GCCAGATGTTGTCATTGCAGCAGATGTGCTGTATTGCCAGAAGCCATCATGTGCTGGT
 CGGCGTCTGCGGAGGCTGGCTGCCTGCCGGGAGGACCAGCGGGTCTCTGAGGTCTACGT
 GGCTTTACCGTCCGCAACCCAGAGACGTGCCAGCTGTTACCACCGAGCTAGGCCGGGC
 CGGGATCAGATGGGAAGTGAACCTCGTCATGAGCAGAAACTGTTTCCCTACGAAGAGCA
 CTTGGAGATGGCAATGCTGAATCTCACCTGTAGGACTCACACACGACTCCAACGGGATT
 GTGAGAAATCAAGTCACTCTCATGGGAAGAATTTTATATGGGAAAGCGGATAAACTTTC
 ATTGGACTGGAATGTTTGGAGAATGTTAATTTCCAAATCAGGAACCACAAACTGCCCTCT
 AATAAGACATCGGCTATCTAAGCGTGTGGGTGCCCCCTTCTGCCAGCAGTTCTGGTTCT
 TAAGAAAATCACCATAAATCAGACATGAAAATTTGGCTCCAAAAACAGCATTCTTTTG
 TGCAAAATAAAAACGTGTGTATCAAGTATGATGTTCCCCAACGTTGGACACACTCAGTTC
 TCACAAAAGCCAAGCCCACTGCAGCTGCCACATCCCTGGGCTTACGGTGCAGCAGGTGCTT
 TTTTCAAGACAGGAATCAAAATGTTAGGAACACGGCAGAAAGGGGACACCTGGAGACAA
 ACGCAGGATGAGGAGTTCTGCAGAGGTCACAGGGAAGTACAGAACAGTAATACGCTAGC
 AGGGGCATGGGGCGTGAAGAACAGAAGAAGAGAGGAAGCGTTTCCAAGCCTCCAGAGAAG
 AAATCAAGGCCAACCAAAGCTTCCCGGTCACAGAACCAATTTTACCAGGCAGTACC
 ACTGCTGTCAATTCAGCTTCTGGCCACTGGGAGGTGCTGCTCGAAAGGGTTTGCCTGAG
 ACTCCAAGAAGAAGCTGCGGGAAGGACAGCAGGGTCTGGGGTTTTAGCCTCTGGCCCA
 GGAGTTATGTGTCCATAACCAAAGGGAGCACAGTCTGCACCCAGCTCTCATCCCATCGGA
 GCTGCTGCGACTCCCGCAGGTTCTCCGGAAGTGGTTAGCTTGCCCGCAGGATCAGGAA
 AGTTTGAGAAAAGCATCTGCAAAAAAATAAAGAGCAGAGCTTACCTCAAAAAAAAAAAAAA
 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_201400

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:

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: [NM_201400.1](#), [NP_958802.1](#)

RefSeq Size: 1432 bp

RefSeq ORF: 993 bp

Locus ID: 196483

UniProt ID: [Q96G04](#)

Cytogenetics: 16p13.3

Gene Summary: Catalyzes the trimethylation of eukaryotic elongation factor 2 (EEF2) on 'Lys-525'.
[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) represents the longest transcript and encodes the longest protein (isoform 1).