

Product datasheet for **SC334948**

FAM86A (EEF2KMT) (NM_001289029) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FAM86A (EEF2KMT) (NM_001289029) Human Untagged Clone
Tag:	Tag Free
Symbol:	EEF2KMT
Synonyms:	eEF2-KMT; EFM3; FAM86A; SB153
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001289029, the custom clone sequence may differ by one or more nucleotides

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ATGGCGCCCGAGGAGAACGCGGGGACCGAACTCTTGCTGCAGAGTTTCGAGCGCCGCTTCTGGCGGCAC
GCACACTGCGCTCCTTCCCCTGGCAGAGCTTAGAAGCAAAGTTAAGAGACTCATCAGATTCTGAGCTGCT
GCGGGATATTTTGCACAAGCCCTCGGGAGGCTCGGTACACTCTCCGAGAGCACGGCCATCATCTCTAC
GGTACCACAGGCCTGGTACATGGGACGCCCTCTACCTTGACAGATGGGCCATCGAGAACCCGGCAG
TCTTCACTAACAGGACTGTCCTAGAGCTTGGCAGTGGTGTGGCCTCACAGGCCTGGCCATCTGCAAGAT
GTGCCGCCCGGCATACATCTTCAGCGACTGTCACAGCCGGTCTTGAGCAGCTCCGAGGGAATGTC
CTTCTCAATGGCCTCTCATTAGAGGCAGACATCACTGCCAAGTTAGACAGCCCCAGGGTGACAGTGGCCC
AGCTGGACTGGGACGTCGCGACGGTCCATCAGCTCTGCCTTCCAGCCAGATGTTGTCATTGCAGCAGA
TGTGCTGTATTGCCAGAACCCATCATGTCGCTGGTGGCGTCTGCGGAGGCTGGCTGCCGCGGGAG
CACCAGCGGGCTCCTGAGGTCTACGTGGCCTTTACCGTCCGCAACCCAGAGACGTGCCAGCTGTTACCA
CCGAGCTAGGCCGGGCGGGATCAGATGGGAAGTGAACCTCGTCATGAGCAGAACTGTTTCCCTACGA
AGAGCACTTGGAGATGGCAATGCTGAATCTCACCTGTAG
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Restriction Sites:	Sgfl-MluI
ACCN:	NM_001289029
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_001289029.1, NP_001275958.1</u>
RefSeq Size:	2228 bp
RefSeq ORF:	810 bp
Locus ID:	196483
UniProt ID:	<u>Q96G04</u>
Cytogenetics:	16p13.3
Gene Summary:	<p>Catalyzes the trimethylation of eukaryotic elongation factor 2 (EEF2) on 'Lys-525'. [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (3) lacks two alternate exons in the coding region compared to variant 1. The resulting protein (isoform 3) is shorter but has the same N- and C-termini compared to isoform 1.</p>