

Product datasheet for **SC320113**

N6AMT2 (EEF1AKMT1) (NM_174928) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	N6AMT2 (EEF1AKMT1) (NM_174928) Human Untagged Clone
Tag:	Tag Free
Symbol:	N6AMT2
Synonyms:	ESP13; N6AMT2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_174928.1

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GAGTGGCGGGTTCGGGCGCAGCTGTAGGGTTGGCTGCGCGCCGCCGAGGCGTTTTGGACT
GGGTTATAAACAACTTGTGAAATGAGTGATTTGGAAGATGATGAGACACCCAGCTTTCT
GCCCATGCCTTAGCAGCTCTCCAGGAATTTATGCTGAGCAAAAGCAACAAATTGAGCCA
GGCGAGGATGATAAATATAACATTGGAATAATAGAAGAGAATTGGCAACTGAGCCAGTTT
TGGTATAGTCAGGAACTGCTCTGCAGCTGGCACAGGAGGCAATTGCAGCTGTAGGAGAA
GGTGGCAGAATCGCATGTGTGAGTGCCCTAGTGTACCAGAACTCAGAGAGCTGTGC
AGAGAAAACCTTTTCGATATACATCTTTGAATATGACAAAAGATTGCCATGTATGGAGAG
GAGTTTATTTTCTATGATTACAATAATCCATTGGACTTACCCGAAAGAATTGCTGCACAT
AGTTTTGACATCGTAATAGCAGATCCTCCCTATCTTCGGAGGAATGTCTCAGAAAAACA
TCGGAACCGTCAAGTACCTGACGCGGGCAAGATTCTGCTGTGCACAGGTGCCATCATG
GAAGAACAGGCAGCAGAACTCCTTGGAGTGAAGATGTGCACGTTTGTCCAAGACACACC
CGGAACCTTGGCAAATGAGTTTCGCTGTTATGTGAATTATGATTCTGGGCTGGACTGTGGG
ATCTGATTACAGACGGTGACATAACACAGGAAGGAACCTGTACATTCTCTTTTGTGTA
TTTTCGTAGTAGATTTAAAAGTTATAATCTCTTCCCTCCCCCAAACTGGAGCTGTCCC
TGGCCTGGTTTTCAAAATAAAGTGTGCGATCTCAAAAAAAAAAAAAAAAAA

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Restriction Sites: Please inquire

ACCN: NM_174928

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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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:	<u>NM_174928.1</u> , <u>NP_777588.1</u>
RefSeq Size:	890 bp
RefSeq ORF:	645 bp
Locus ID:	221143
UniProt ID:	<u>Q8WVE0</u>
Cytogenetics:	13q12.11
Gene Summary:	Protein-lysine methyltransferase that selectively catalyzes the trimethylation of EEF1A at 'Lys-79'. [UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longest transcript. Variants 1 and 2 encode the same protein.