

Product datasheet for **SC310113**

ECE2 (EEF1AKMT4) (NM_014693) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ECE2 (EEF1AKMT4) (NM_014693) Human Untagged Clone
Tag:	Tag Free
Symbol:	EEF1AKMT4-ECE2
Synonyms:	ECE-2; ECE2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_014693 edited
 GGCACGAGGGGCCGGCGCTCTGGCTGCCCGCGGTTGAGAGCATGGCCTCTCCAGGGGC
 AGGTAGGGCGCCTCCGGAGTTACCGGAGCGGAAGTGCAGGTACCGCAAGTCGAGTACTG
 GGATCAGCGCTACCAAGGCGCAGCCGATTCTGCCCCCTACGATTGGTTCGGGGACTTCTC
 CTCCTTCGCTGCCCTCTAGAGCCGAGCTGCGGCCGAGGACCGTATCCTTGTGCTAGG
 TTGCGGGAACAGTGCCCTGAGCTACGAGCTGTTCTCGGAGGCTTCCCTAATGTGACCAG
 TGTGGACTACTCATCAGTCGTGGTGGCTGCCATGCAGGCTCGCTATGCCCATGTGCCGCA
 GCTGCGCTGGGAGACCATGGATGTGCGGAAGCTGGACTTCCCCAGTGCTTCTTTGATGT
 GGTGCTCGAGAAGGGCACGCTGGATGCCCTGCTGGCTGGGGAACGAGATCCCTGGACCGT
 GTCCTCTGAAGGTGTCCACACTGTGGACCAGGTGTTGAGTGAGGTGGGATTCCAGAAGGG
 GACAAGACAGCTGTTAGGCTCACGCACGACGCTGGAGCTGGTCTTAGCAGGTGCCTCTCT
 ACTGCTGGCTGCACTGCTTCTGGGCTGCCTTGTGGCCCTAGGGGTCCAGTACCACAGAGA
 CCCATCCCACAGCACCTGCCTTACAGAGGCTGCATTGAGTGGTGGAATAATCCTGGA
 GTCCCTGGACCGAGGGGTGAGCCCTGTGAGGACTTTTACCAGTCTCCTGTGGGGGCTG
 GATTTCGAGGAACCCCTGCCCGATGGGCGTTCTCGCTGGAACACCTTCAACAGCCTCTG
 GGACAAAACAGGCCATACTGAAGCACCTGCTTGAACACACCTTCAACTCCAGCAG
 TGAAGCTGAGCAGAAGACACAGCGCTTCTACCTATCTTGCTACAGGTGGAGCGCATTGA
 GGAGCTGGGAGCCAGCCACTGAGAGACCTCATTGAGAAGATTGGTGGTTGGAACATTAC
 GGGGCCCTGGGACCAGGACAACCTTATGGAGGTGTTGAAGGCAGTAGCAGGGACCTACAG
 GGCCACCCCATTTCTACCGTCTACATCAGTGTGACTCTAAGAGTTCACACAGCAATGT
 TATCCAGGTGGACCACTGCGGCTCTTCTGCCCTCTCGGGATTACTACTTAACAGAAC
 TGCCAATGAGAAAGTGCTCACTGCCTATCTGGATTACATGGAGGAAGTGGGGATGCTGCT
 GGGTGGGCGGCCACCTCCACGAGGGAGCAGATGCAGCAGGTGCTGGAGTTGGAGATACA
 GCTGGCCAAACATCACAGTGCCCGACGACGCGCGCAGGAGGAGAAGATCTACCACAA
 GATGAGCATTTTCGAGCTGCAGGCTCTGGCGCCCTCCATGGACTGGCTTGAGTTCTGTG
 TTTCTTGCTGTCAACATTGGAGTTGAGTGAAGTCTGAGCCTGTGGTGGTATGGGATGGA
 TTATTTGCAGCAGGTGTGAGAGCTCATCAACGCGACGGAACCAAGCATCCTGAACAATTA
 CCTGATCTGGAACCTGGTGCAAAAGACAACCTCAAGCCTGGACCGACGCTTTGAGTCTGC
 ACAAGAGAAGCTGCTGGAGACCTCTATGGCACTAAGAAGTCTGTGTGCCGAGGTGGCA
 GACCTGCATCTCAACACGATGACGCCCTTGGCTTTGCTTTGGGGTCCCTCTTCGTGAA
 GGCCACGTTTGACCGGCAAGCAAGAAATTGCAGAGGGGATGATCAGCGAAATCCGGAC
 CGCATTTGAGGAGGCCCTGGGACAGCTGGTTTGGATGGATGAGAAGACCCGCCAGGCAGC
 CAAGGAGAAAGCAGATGCCATCTATGATATGATTGGTTTCCCAGACTTTATCCTGGAGCC
 CAAAGAGCTGGATGATGTTTATGACGGGTACGAAATTTCTGAAGATTCTTTCTTCCAAAA
 CATGTTGAATTTGTACAACTTCTCTGCCAAGGTTATGGCTGACCAGCTCCGCAAGCCTCC
 CAGCCGAGACAGTGGAGCATGACCCCCAGACAGTGAATGCCTACTACCTTCCAACATA
 GAATGAGATCGTCTTCCCGCTGGCATCCTGCAGGCCCTTCTATGCCCGCAACCAACC
 CAAGGCCCTGAATTCGGTGGCATCGGTGTGGTATGGCCATGAGTTGACGCATGCCTT
 TGATGACCAAGGGCGCGAGTATGACAAAGAAGGGAACCTGCGGCCCTGGTGGCAGAATGA
 GTCCCTGGCAGCCTTCCGGAACACACGCGCTGCATGGAGGAACAGTACAATCAATACCA
 GGTCAATGGGGAGAGGCTCAACGCCCGCAGACGCTGGGGGAGAACATTGCTGACAACGG
 GGGGCTGAAGGCTGCCTACAATGCTTACAAAGCATGGCTGAGAAAGCATGGGGAGGAGCA
 GCAACTGCCAGCCGTGGGGCTACCAACCACAGCTCTTCTTCTGTTGGGATTTGCCAGGT
 GTGGTGTCTGGTCCGCACACCAGAGAGCTCTACGAGGGGCTGGTGACCGACCCCAAG
 CCCTGCCCGCTTCCGCTGCTGGGCACTCTCTCAACTCCCGTGACTTCTGCGGCACTT
 CGGCTGCCCTGTGGCTCCCCATGAACCCAGGGCAGCTGTGTGAGGTGTGGTAG

Restriction Sites: Please inquire

ACCN: NM_014693

Insert Size: 2700 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:	It is not a variant.
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_014693.2, NP_055508.2</u>
RefSeq Size:	3410 bp
RefSeq ORF:	2364 bp
Locus ID:	110599583
UniProt ID:	<u>P0DPD6</u>
Cytogenetics:	3q27.1
Domains:	Peptidase_M13
Gene Summary:	This gene represents naturally occurring readthrough transcription between adjacent genes eukaryotic translation elongation factor 1 alpha lysine methyltransferase 4 (GeneID: 110599564) and endothelin converting enzyme 2 (GeneID:9718). The readthrough transcript representing this gene encodes a fusion protein that shares sequence identity with each individual gene product. [provided by RefSeq, Jul 2017] Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (A).