

Product datasheet for **SC100043**

C10orf63 (ENKUR) (NM_145010) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C10orf63 (ENKUR) (NM_145010) Human Untagged Clone
Tag:	Tag Free
Symbol:	ENKUR
Synonyms:	C10orf63; CFAP106
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None
Fully Sequenced ORF:	>NCBI ORF sequence for NM_145010, the custom clone sequence may differ by one or more nucleotides

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ATGGATCCAACGTGCTCTTCTGAGTGCATTTATAACCTCATACCCAGTGACTTGAAGGAGCCTCCCCAGC
CTCCTAGGTACATATCCATTTTTAAGGCAACTGTAAAAGATGACATGCAAAAAGCTAAAAGTCAATGAA
AACTATGGGACCAGCAAAAGTTGAAGTACCTTCTCAAAGGATTCCTAAAGAAACATTCAAAGGAAAAA
ACTCTACCACCCAAAAAACTTTGATCGGAACGTGCCAAAAAGCCTGCTGTGCCATTGAAGACTGATC
ATCCTGTCATGGGAATACAGAGTGGAAAAATTTATAAATACAATGCAGCTGATATCATCATGGGAGT
GGCTAAAAAGCCTAAACCAATTTATGTTGATAAAAGAACTGGAGACAAGCATGATCTTGAGCCTTCAGGA
CTAGTTCCAAAGTACATCAATAAAAAGGATTATGGTGTCACACCTGAATACATATGTAAGCGAAACGAGG
AAATAAAGAAAGCCCAAGAAGACTATGATCGTTATATCCAGGAAAACCTTAAAGAAAGCAGCTATGAAAAG
GCTCTCCGATGAAGAAAGGGAGGCAGTTTTGCAGGGGCTGAAAAAGAACTGGGAAGAGGTGCATAAAGAA
TTCCAGTCCCTCTCGGTCTTTATAGATTCTATACCAAAGAAGATCCGCAAGCAGAGGCTGGAAGAAGAAA
TGAAACAAC TAGAACACGACATTGGCATAATTGAAAAGCACAAGATTATTTATATTGCCAATAACGCATG
A
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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_145010 unedited GGGTGTTACATAGGATACTATCATATAGGCGGCCGCGAAATTCGCACGAGGGTAGCTTT TAAGGAGTCATTTGGTGGCCATGGATCCAACGTGCTCTTCTGAGTGCATTATAACCTCA TACCCAGACACTTGAAGGAGCCTCCCCAGCCTCCTAGGATTATGGTGTCACTAATGAAT ACATATGTAAGCGAAACGAGGAAATAAAGAAAGCCCAAGAAATCTATGATCGTTATATCC AGGAAAATCTTAAGAAATCAGCTATGAAAAGGCTCTCCGATGAAGAAAGGGATGCAGTTT TGCAGGGGCTGAAAAGAACTGGATAGAGGTGCATAAAGATATTCCAGTCCCTCTCGGTC TTTATAGATTCTATACCAAGATGATCCGCAAGCAGAGGCTGGAAGAAGAAATGAAACAA CTAGAACACGACATTGGCATAATTGAAAAGCACAGATTATTTATATTGCCAATAACGCA TGATACCAACAGCACAACCTTTGAAAAGTAAAGTATTTTGAAGTGGAAATAGTAACACG TGCCCTTCTTGCTACTCTAAACTGTCTCCAACATATTGTTTCTGAGCTCCACAAATGCAA AAGATGTATTTTTCTGTGGCCATGACATTTGCAGTTATTTCCAGCGAGAAATATTTT CAGCATACGTAACACTGTATATGATGAAAGGCTTCTATTTGGAGGAAGAAAATAAAAAG ACACTTACAAAATCAATAGACAACCTTAAAGGCTTATTGCAGATGATTAACGAAAATA CCCTCCTTCTAGCATACCAACCTCGATACTTATTTTATCCCAACTCATTTGCCTATT TATCAAATCGTTCTTTCCCTTGGCCCTCTACTCATTATTTTGGAAATCTAAATTCATTT GGAGATACCTAATTATTAACCAT
Restriction Sites:	NotI-NotI
ACCN:	NM_145010
Insert Size:	3000 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).
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_145010.2</u> , <u>NP_659447.1</u>
RefSeq Size:	3318 bp
RefSeq ORF:	771 bp
Locus ID:	219670
UniProt ID:	<u>Q8TC29</u>
Cytogenetics:	10p12.1

Gene Summary:

This gene encodes a protein that interacts with calmodulin and several transient receptor potential canonical cation channel proteins. The encoded protein may function as an adaptor to localize signal transduction machinery to calcium channels. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jun 2012]

Transcript Variant: This variant (1) represents the longest transcript and encodes the longer protein (isoform 1).