

Product datasheet for **SC101315**

FAM126B (NM_173822) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FAM126B (NM_173822) Human Untagged Clone
Tag:	Tag Free
Symbol:	FAM126B
Synonyms:	HYCC2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_173822, the custom clone sequence may differ by one or more nucleotides

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ATGCTGGGAAGTACCGTTGTGTGTGGAAGAATGGTTATCAGAATTCAGGCATTACCTGACACTCAGA
TCACCAGTTATGCAGCAACTTTACACCGGAAAAAACACTTGTACCAGCCCTCTATAAGTTATTCAAGA
TTCAAATAATGAGCTCCTGGAGCCTGTCTGCCATCAGCTGTTTGAGCTCTATCGTAGCTCAGAGGTTTCA
CTTAAGAGGTTACACTGCAGTTCTTGCCAGAATTGATGTGGGTTTATTTACGGCTTACAGTTAGCCGAG
ACAGACAGAGTAATGGTTGCATTGAAGCACTTCTGTTAGGAATTTACAATTTGGAATCGCTGATAAAGA
TGGGAACAATAAAGTTCTGTCTTTCACTATCCCCTCCTTATCCAAGCCTTCAATATACCATGAACCTTCA
ACAATTGGATCCATGGCTTTGACAGAAGGGGCACTTGTGTCAGCATGATCTCATCAGAGTTGTTTATAGTG
ATCTTCATCCTCAGAGGGAACATTCACTGCACAGAACCGGTTTGAAGTCCTGAGTTTTCTCATGCTGTG
TTATAATTCTGCTATTGTATATATGCCTGCCTCATCTTACCAATCTCTTTGTCGGATGGGTTCCAGGGTT
TGTGTGAGTGGCTTTCCACGGCAACATGAAAAACACTGGAAGAAGTCTGTGGTGAATAGTATTGGATC
CTGAATTTATGGTGCAACTTCTCAGGGGTTTATTATGCCATGTATAATGGACAGTGGGACCTTGCCA
GGAAGTTCTTGATGATATCATTTATAGAGCCAGCTAGAGCTTTTTTCTCAACCATTATTGGTTGCCAAT
GCCATGAAAAACTCATTACCATTTGATGCTCCTGATTCTACACAAGAAGGCCAGAAAGTCCTTAAAGTTG
AAGTCACTCCAACAGTGGCGAGGATTTCTCGGACTGCAATTACAACAGCTTCAATCCGTCGTCATAGATG
GAGAAGAGAAGGTGCTGAGGGTGTAAATGGAGGAGAGGAGTCTGTAAACCTGAATGATGCAGATGAAGGA
TTTTATCAGGGGCTTCCTCAGCAGTCAGCAATTGGGACCAAAACCATCCTCCTCTTCTCAGAGGGGAA
GCTTAAGGAAAGTAGCACTGGGCGTTCAGCCAAGGATAAAGAAACAGCCTCTGCCATCAATCCAGTGA
GAGCCCTCGAGATTCACTAGTTTCGAAGCAGTATGTACAGCAACCACTGATCTTAGTGTAGATTCAAGT
GAGCTGACACCAATGAAGAAACACCTGAGCCTGCCTGCTGGCCAGGTGGTCCAAAAATCAATAGCTTAA
GTCTAATCCGGACAGCCAGTGCTTCTCAAGTAATCATTGTGACTATGTAATGGCAGTCAAGCAAGTAC
CAGCATTGGGGTTGGCACTGAGGAGGTAATTTAGCAGCCAACAATGCTAATCGATACTCAACTGTC
AGTCTGCAGGAAGACCGCTAGGTCAAGCTGGCGAAGGTAAGAGCTCCTCAGCCAGGAGCCCCCTTGA
CCAAGCAGTCTCGATCCCCAAGTTTCAATATGCAGCTAATATCCAGGTGTAG
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_173822 unedited

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GAATTCGGCACAGAGCTGTGCGGGAGGCGGCGGCTAGGAAGCCGGAGACAGCAGGGTG
ACAGAATTGGAATAATTTAACTCTTAACAAATGAATTCCTCACTTGAATCTGCCGAAT
TCCTGTGCCACCTCCTCTTTAGAAAACTGATCTTAATACAGAGATAAAAGAGGAGTAGA
AGGTAAAGAAAAATGCTGGGAACGTGACCGTTGTGTGTGGAAGAATGGTTATCANAATT
CAAGGTAAATTGGATTGGAGATCAGAATGTATTATTTTTCTATACATCAGTAATTTCAA
ACTGAATATGTGCTCTATGGAGAAACATTATGTGCTCTATGGAGAAACATAAAAAATGG
TAGGAAGTGGAAATGGCAAAATACAAATAACGTGTTTCTGTAATTGCAGTTCTTAAAAA
TGGTACTAATATGAATAATGGCTAGAAGGTGATACATAAAGATGAAATAGTTGTTAGGA
TTGATGAGACGATATTTTAAATATATTCAAGTAAAGAGAAGATCCATCAAGCTTTAATA
GGCAGAAAAATAGGATTTATGCCTACGTTNTTCTGTCCTATAATTAATAATCAATAGGT
TTTATGGGAACTATGAATTTATGAATACTATGGAATTGTAATGTTTGGCAAAACAC
TAATGCAAGATTGAAACATCCTACATTNTTTAAAGATTACATTAATTTAAGATGGCCCA
TTTCANGAAATGTTGGTATAATGTGTGATTCTATCANG
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Restriction Sites:

NotI-NotI

ACCN:

NM_173822

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:	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_173822.1, NP_776183.1</u>
RefSeq Size:	4002 bp
RefSeq ORF:	1593 bp
Locus ID:	285172
UniProt ID:	<u>Q8IXS8</u>
Cytogenetics:	2q33.1
Gene Summary:	Component of a complex required to localize phosphatidylinositol 4-kinase (PI4K) to the plasma membrane.[UniProtKB/Swiss-Prot Function]