

Product datasheet for **SC121539**

FAM40A (STRIP1) (NM_033088) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FAM40A (STRIP1) (NM_033088) Human Untagged Clone
Tag:	Tag Free
Symbol:	FAM40A
Synonyms:	FAM40A; FAR11A
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_033088, the custom clone sequence may differ by one or more nucleotides

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ATGGAGCCGGCAGTCGGCGGTCCGGGCCACTGATCGTGAACAACAACAGCCCCAGCCCCGCCACCTC
CGCCGCCGGCAGCCGCACAGCCACCACCCGGGGCACCCGGGGCCCGCGGGCCTCTGCCTGGGGCAA
AGCCCGGAGTTCAACCCGAACCCAGCGCAAAGACTCAGAGGGCTATTCGGAGTCACCAGACTGGAGTTT
GAGTATGCTGACACAGACAAGTGGGCTGCAGAGCTCTCGGAGCTTACAGCTACACGGAAGGCCAGAAT
TCCTGATGAATCGAAAATGCTTTGAGGAGGACTCCGGATCCATGTGACAGACAAGAAGTGGACTGAGCT
GGATACCAACCAGCACCCGACCCATGCCATGAGGCTCCTGGATGGCTTGGAACTACTGCCAGGGAGAAG
AGACTCAAGGTGGCTCGAGCAATCTCTATGTTGCTCAAGGCACGTTTGGGGAGTGCAGCTCGGAGGCAG
AGGTGCAGTCTGGATGCGCTACAACATCTTTCTCCTCCTGGAGGTGGGCACGTTCAATGCTTTGGTGA
GCTTCTGAACATGAAAATAGACAACAGTGCCGCTGCAGCAGTGTGTGAGGAAGCCTGCCATCTCCCTG
GCTGACAGCACAGACCTCAGGGTCTGCTCAACATCATGTACCTGATAGTGGAGACCGTTTATCAGGAGT
GTGAGGGTGACAAGGCTGAGTGGAGGACCATGCGGCAGACCTTCAGAGCCGAGCTGGGCTCCCCGCTGA
CAACAATGAGCCATTTGCCATCATGCTGTTTGGGATGGTGACCAATTTTGCAGTGGTACGCCCCCTCAC
TTTCCCATGAAGAAAGTTCTCTTGTGCTCTGGAAGACAGTATTGTGCACGCTAGCGGGCTTTGAGGAGC
TGCAGAGCATGAAGGCTGAGAAGCGCAGCATCCTGGGCCTCCCCCGCTTCTGAGGACAGCATCAAAGT
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GGCCGCCGAGAGCACAAGGCTCTGATAAAGCAGGACAACCTAGATGCCTTCAACGAGCGGGATCCCTACA
AGGCTGATGACTCTCGAGAAGAGGAAGAGGAGAATGATGATGACAACAGTCTGGAGGGGGAGACGTTTCC
CCTGGAACGGGATGAAGTGATGCCTCCCCGCTACAGCACCCACAGACTGACAGGCTGACTTGCCCCAAA
GGGCTCCCGTGGGCTCCAAGGTCAGAGAGAAAGACATTGAGATGTTCTTGTGATCCAGCCGACAAAT
TTATAGGTTACACTCTAGGCAGTGACACGAACACAGTGGTGGGGCTGCCAGGCCAATCCAGAAAGCAT
CAAGACTCTGAAACAGCAAGTACACGTCGATTGCAGAGGTCCAGGCACAGATGGAGGAGGAATACCTC
CGCTCCCCTCTCTCAGGGGGAGAAGAAGATTGAGCAAGTCCCTGCAGAAAACCTCTACCAAGGCTTGC
TCCCCAGCCTGCCTCAGTATATGATTGCCCTCCTGAAGATCCTGTTGGCTGCAGCACCCACCTCAAAGC
CAAAACAGACTCAATCAACATCCTAGCGGACGCTTGCCTGAGGAGATGCCACCACAGTGTGAGAGC
ATGAAGCTGGGGTGGATGTAACCGCCACAAAGAGGTCATTGTTAAGGCCATTTCTGCTGCTGCTGCTG
TGCTGCTCAAGCACTTAAAGTTGAACCATGTCTACCAGTTTGAATACATGGCCAGCACCTGGTGTTTGC
CAACTGCATTCCTTTGATCCTAAAGTTCTCAATCAAAACATCATGTCCTACATCACTGCCAAGAACAGC
ATTTCTGTCTGGATTACCCTCACTGCGTGGTGCATGAGCTGCCAGAGCTGACGGCGGAGAGTTTGAAG
CAGGTGACAGTAACCAATTTTGCTGGAGGAACCTTTTTCTTGTATCAATCTGCTTCGGATCTTGAACAA
GCTGACAAAGTGAAGCATTCAAGGACAATGATGCTGGTGGTGTCAAGTCAGCCCCATCTTGAAGCGG
GCCCTAAAGGTGAAACAAGCCATGATGCAGCTCTATGTGCTGAAGCTGCTCAAGGTACAGACCAAACT
TGGGGCGGAGTGGCGAAAGAGCAACATGAAGACCATGTCTGCCATCTACCAGAAGGTGCGGCATCGGCT
GAACGACGACTGGGCATACGGCAATGATCTTGTGCCCCGGCTTGGGACTTCCAGGCAGAGGAGTGTGCC
CTTCGTGCCAACATTGAACGCTTCAACGCCCGGCGCTATGACCGGGCCCACAGCAACCCTGACTTCTG
CAGTGGACAACCTGCCTGCAGAGTGTCTGGGCCAACGGTGGACCTCCCTGAGGACTTTCAGATGAAC
TGACCTCTGGTTAGAAAGGGAGGCTTCTCCAAGCCCATTCTGGGAAGAGCTGCTGCAGTGA
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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_033088 unedited ATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGCCATTTGCCATCATGCTGTT TGGGATGGTGACCAAATTTGCACTGGTACGCCCCTCACTTTCCCATGAAGAAAGTTCT CTTGCTGCTCTGGAAGACAGTATTGTGCACGCTAGGCGGCTTTGAGGAGCTGCAGAGCAT GAAGGCTGAGAAGCGCAGCATCTGGGCCTCCCCCGCTTCTGAGGACAGCATCAAAGT GATTCGCAACATGAGAGCAGCCTCTCCACCAGCATCTGCTTCAGACTTGATTGAGCAGCA GCAGAAACGGGGCCCGAGAGCACAAGGCTCTGATAAAGCAGGACAACCTAGATGCCTT CAACGAGCGGGATCCCTACAAGGCTGATGACTCTCGAGAAGAGGAAGAGGAGAATGATGA TGACAACAGTCTGGAGGGGAGACGTTTTCCCTGGAACGGGATGAAGTATGCCTCCCCC GCTACAGCACCCACAGACTGACAGGCTGACTTGCCCCAAAGGGCTCCCGTGGGCTCCCAA GGTGAGAGAGAAAGACATTGAGATGTTCTTGAGTCCAGCCGAGCAAATTTATAGGTTA CACTCTAGGCAGTGACACGAACACAGTGGTGGGGCTGCCAGGCCAATCCACGAAAGCAT CAAGACTCTGAAACAGCACAAGTACACGTCGATTGCAGAGGTCCAGGCACAGATGGAGGA GGAATACCTCCGCTCCCCTCTCTCAGGGGAGAAGAAGAGTTGAGNCAGTCCCTGCAGAAA CNCTCTACCAAGGCTTGCTCCCAGCCTGCCTCATATATGATGGCCCTCCTGAGATCTGTG GCTGCGCACCCACTCAAAGCAAACAGCTCATACATCTANCGACGCTCTGCTGAGAGAGCC ACACATGTGCAACATAGCTGGGGTGGTGAACGCCAAAGGCTTGTAGGCATT
Restriction Sites:	NotI-NotI
ACCN:	NM_033088
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:	NM_033088.2 , NP_149079.2
RefSeq Size:	3290 bp
RefSeq ORF:	2514 bp
Locus ID:	85369
UniProt ID:	Q5VSL9
Cytogenetics:	1p13.3

Gene Summary:

This gene encodes a member of the striatin-interacting phosphatase and kinase complex, which is involved in localization of the Golgi body. The encoded protein participates in cytoskeletal organization. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2012]

Transcript Variant: This variant (1) encodes the longer isoform (1).