

Product datasheet for SC106275

FAM125A (MVB12A) (BC011840) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FAM125A (MVB12A) (BC011840) Human Untagged Clone
Tag:	Tag Free
Symbol:	FAM125A
Synonyms:	CFBP; CIN85/CD2AP family binding protein; family with sequence similarity 125, member A; FLJ32495
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC106275 sequence for BC011840 edited (data generated by NextGen Sequencing)

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ATGGATCCCGTACCCGGGACAGACTCGGCGCCGCTGGCTGGCCTGGCCTGGTCGTCGGCC
TCTGCACCCCGCCGCGGGGTTTCAGCGCATCTCCTGCACCGTCGAGGGGGCACCCGCC
AGCTTTGGCAAGAGCTTCGCGCAGAAATCTGGCTACTTCTGTGCCTTAGTTCTCTGGGC
AGCCTAGAGAACCCGCAGGAGAACGTGGTGGCCGATATCCAGATCGTGGTGGACAAGAGC
CCCCTGCCGCTGGGCTTCTCCCCGTCTGCGACCCCATGGATTCCAAGGCCTCTGTGTCC
AAGAAGAAACGCATGTGTGTGAAGCTGTTGCCCTGGGAGCCACGGACACGGCTGTGTTT
GATGTCCGGCTGAGTGGGAAGACCAAGACAGTGCCTGGATACCTTCAATAGGGGACATG
GGCGGCTTTGCCATCTGGTGCAAGAAGGCCAAGGCCCGAGGCCAGTGCCAAGCCCGA
GGTCTCAGCCGGGACATGCAGGGCCTCTCTGGATGCAGCCAGCCAGCCAAGTAAGGGC
GGCCTCCTGGAGCGGACAGCGTCAAGGCTGGGCTCTCGGGCATCCACTCTGCGGAGGAAT
GACTCCATCTACGAGGCCTCCAGCCTCTATGGCATCTCAGCCATGGATGGGGTTCCTTC
ACACTCCACCCACGATTTGAGGGCAAGAGCTGCAGCCCTGGCCTTCTCTGCTTTTGGG
GACCTGACCATCAAGTCTCTGGCGGACATTGAGGAGGAGTATAACTACGGCTTCGTGGT
GAGAAGACCGGCTGCCCGCTGCCCCCAGCGTCTCATAG

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Clone variation with respect to BC011840.2



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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for BC011840 unedited</p> <pre>TAGATTTTGTAAATACGACTTACGTATAGGGCGGCCGGAATTCGCACCAGGTGCAGACTT GCAGAGAACGAGTCTCTTGGTCTGTGCCGTAGCATTTCCGGCGGAAGTTGCTGGGCGCG GAAAGCCGGCAAGACCTTTTTTCCGCCATCATCGCTCACGCGCGCAACCTGGCGACGC GTGGTGGCGAGGCTCCGCCTCCCCACGCCATTGGCCAGCAGCTCCTCGGGCACGCGTATA CTGGCCTTCCGGCAATCTCCGCTCCCCCACCCTCCGATGGCCTTCTGGGAGTTGT AGTTCGGTCGCGAGCGCTGCCGTCCGGAGGCGCTCCGAGGTTTCGAGGCTGTGCCCGCGA CCCCGCCTTCGGCGCTCGGCTCGCAGGATGGATCCCGTACCCGGGACAGACTCGGCGCCG CTGGCTGGCTGGCTGGTCTGCTGGCTCTGCACCCCGCCGCGGGGTTTCAGCGCGATC TCTGCACCGTCGAGGGGACCCGCCAGCTTTGGCAAGAGCTTCGCGCAGAAATCTGGC TACTTCTGTGCCTTAGTTCTCTGGGCAGCCTAGAGAACCCGAGGAGAACGTGGTGGCC GATATCCAGATCGTGGTGGACAAGACCCCTGCCGCTGGGCTTCTCCCCGCTCTGCAC CCCATGGATTCCAAGGCCTCTGTGTCCAAGAAGAAACGCATGTGTGTGAAGCTGTGGCC CTGGGAGCCACGACACGGCTGTGTTGATGTCCGGCTGAGTGGGAAGACCAAGACAGTG CCTGGATACCTTCAATAGGGGACATGGGCGGCTTTTGCATCTGGTGAAGAAGGGCCAG GCCCGAGCCAGTGCCCGACCCCGAGTCTCAGCCGGGACATGCAGGCCTTCTCTGATGC AGCCGCCAGCAGTTAGGCGGNCTCCTGNACGGACACGTAGGCTGGCTTTGG</pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for BC011840 unedited</p> <pre>NGGGCCCTCTATGTACGCGGCCGCTTTTAGNAGTCGGTTTTTTTTTTTTTTTTTTTTTTT TTTTTTTTTTTTTTTGGCAAAACCGGTAGTGTATTATGCCAGGAGGACCCCGCACAAAC CTCCGGACCCCAAGGGTTTTGACACAAATGACTTAAAGGCACTGGCTTTTGTCCAGCTC CAGCCCTGCCCGGAGGGCGTGGGGGCGAAACCCATTACCACGCAACCTCGACCCGCC CCCTCCTCCAAGGCTGCAGCTCCGCCAGTGGCTGAAAATAGCAAACGCCTTGAAGGGC AAAGTTCCAAGATGCAGTGAGGGGGGGTGGCCCAAGCTGGCGGGGAAGTGAATAAAG GGGCTCTTCCGCGAAAGGTGAAGGACTATGAAACCTGGGGGGCAAGCGGGCAACCC GGTCTTCTCCACCAGAAACCGTAGTTATACTCCTCCTCAATGTCGCCAGAAACTTGAT GGTCAAGTCCCCAAAAACAAAAAAGCCAAGGGGCTGCAGCTTTGCCCTCAAATCGTGG GTGGAGTGTGAAAGGAACCCCATCCATGGCTGAGATGCCCTAAAAGCTGGAAGCCTCGTA AATGGAGTCATTCTCCGAGAGTGGATGCCCGAGAGCCAGCCTTGACGCTGTCCGCTC CAAGAAGCCGCCCTTACTTGGCTGGCTGGCTGCATCCAGAGAGAAGCCCTGCATGTCCCG GCTGAAACCTCGGGGCTTGGGCACTGGCCTCGGGGCTTGGGCTTCTTGACACAGATGGC AAAACCGCCATGTCCCCTATCCGAAGTATCCAAGCACTGTCTTGGGTCTCCCANTCAA GCGGGAATCAAACACAGCCGGTGTCC</pre>
Restriction Sites:	NotI-NotI
ACCN:	BC011840
Insert Size:	1600 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:

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: [BC011840.2](#), [AAH11840.1](#)

RefSeq Size: 1216 bp

RefSeq ORF: 822 bp

Locus ID: 93343

Cytogenetics: 19p13.11

Protein Pathways: Endocytosis

Gene Summary: Component of the ESCRT-I complex, a regulator of vesicular trafficking process. Required for the sorting of endocytic ubiquitinated cargos into multivesicular bodies. May be involved in the ligand-mediated internalization and down-regulation of EGF receptor.[UniProtKB/Swiss-Prot Function]