

Product datasheet for **SC316577**

FAM22A (NUTM2A) (NM_001099338) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FAM22A (NUTM2A) (NM_001099338) Human Untagged Clone
Tag:	Tag Free
Symbol:	FAM22A
Synonyms:	FAM22A
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >SC316577 representing NM_001099338.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
 ATGGAAGTAAAGGGGCCATCAGGTAGAAGCTTTTGCTGTGAGTCAGAAGGACAATTTAAAGTTGCCTA
 AAGAGGCACACGCCATCTCTGCTGCTGCCCTCCAGTTGGAAGGGAACTCAGGTTCTTGCTAATGGCC
 AAAGCCCTTACAGAATGTCCCCACCCCTAACAGCTGCCCACTGCCCTCCCCCTCTGCAGAATGTCT
 GGGGTCTATGTTCCAGGAACCTGTTTACTTTCAAATTTTCCCTGTTTCAGTTGGAAGTCTCAGGAGCATCT
 GGTGAGCCAGGTCACTCTCTGGGTCTTACCCTTGGCTTTTCTCATTGCGGAACTGCCAGACAGCGGTG
 GTCAGTGCCAGCCTGAGGGGATGGCTTCAAATGGAGCATACCCAGCGCTGGGACCGGGCGTGACCGCG
 AACCTGGCACCTCCCTGTCTGTGTTACGGCTCTGCCCTTACCACACCCGCTCCCGGCCAGCACAC
 GGGCCGCTCCTTGACTGCAGGGGCTCTCCAGGCGGCCCTCTGGTGTGTCTACCTCCCCAGCACAC
 CCTCTGGTGACAGAACAGGATGGCTGCGGCCGAGTGGGCGGGGCTTCAACGTCTTTGTCCAGATG
 AGGACAGAGGTGGGGCTGTGAAGGCCGCTCAGGCGCAGACCTTGGTCTAACTCAGGCCCCCTCGTC
 TGGCAGGCTCCAGGCGCCCTCTGCGGAGGTGTTGTGTGTCCACCTCCCTACTCTGGCAGCTGCTCCT
 GTGGTGCCTGTTATGGTGCCCAGGTGGTTGGGGCACCCAGGCCTGTGAGGGAGGCTGGTCCCAGGGC
 CTTCCTCTTCCACCACCACCACCAGGCTGCCAGCTGCCCCCATTGTGTCCCAAGGGAATGCTGGG
 CCATGGCCACAAGGGGCTCAGGAGAGGGCAGCCTGGCTTCTCCAGGCCAAGGCCCGGCCAGATGAC
 TCCTGTAAACCCAGGAGTGTCTATGAGAACTCCGACTCTGGCAGCACTACAAGCCCTGGCCCGGAGG
 CACCTTCCCCAGAGTCTGACACCGAAGCGCTTTCGTGCTTCTCATCCAGTTCTCCGATCCCTGGCC
 CGGCGGAAGCCACCATGACCTGGAGGAGGACTGTGGCGGGCCATGCGGAATGGCAGCACACGAGC
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 GCCCGACTGCCTGCCACCACCAGGCCCCAGAGGCCAGTGACCAAGGCCCGCCGGCCACCACCC
 CGGCCCCACCGGCGAGCAGAGACCAAGGCCCGCTGCCACCACCAGGCCCCAGAGACCAGCAGAGACC
 AAGGTCCCTGAGGAGATCCCCCAGAAGTGGTGCAGGAGTATGTGGACATCATGGAGGAGCTGCTGGGG
 CCTTCCCTCGGGGCCACGGGGAGCCCGAGAAACAACGGGAAGAGGGCGAAGTGAAGCAGCCACAGGAA
 GAGGACTGGACGCCCCCAGACCCGGGCTCCTGAGCTACACTGACAAGCTGTGTTCCAGAAAGACTTC
 GTCACCAAGGTGGAGGCCGTCATTCATCCCAATTCTGGAAGAATTGCTTCCCGAGATCCACAGATG
 GATTTCTTGGCCCTAAGCCAGGAGCTGGAGCAGGAGGAAGGACTACCCCTGCCAGCTAGTGGAGAAG
 CGCCTCTACCTTGAAGGAGAAACAGCATGCGAGGGCAGCCCTAGTCGTGGCAGGCCGGTTGGAC
 TCAAGTTCTTCTAAGTTTGCAGCTGGCCAAGGAGCAGAGAGAGACGTCCCTGTCCCCCAACAAGGGTT
 GGCATGGAACCTGCCACCCACGAGCTGCCCGGACTCTCAGGGACGAGGCAGACACACTGGC
 ATGGCCAGGTCCAAGACTCTGTTGTGCTTTTGGGATGTCAGGATTCCCTGGGCTGAGGGCTGCCCG
 CCAACCTCTCTCCCCAGGACCAGACCCACCTGCCCTGGCGTGGGTACCAAGGATGCCTTGGATCTC
 CCTGGAGGGTCTCTGTGAGGAGTACATGGGCTGGCTCAGGGGTCAAGTGAGGAGGAGGAACCTCCC
 AGCCTGGCCTTCTCTTGGGTTCCAGCACAAGCTTCTGCCCTGGTGGCTACCCAGAGCCCTGTCCCT
 GCCTCGGGCTTCTCAGCCAGAAAAGTGGGACCCAGGGAACATCATAGTTCCCATCTGCTGAGAGA
 AGAGGCCCTCAACCTAGCACCTTCTCCTGCCAACAAGGCCAAGAAGCGACCTCTTTTGAAGCCTGTCC
 CCTGCTGAAAAGACACCCACCCAGGGCTGGGCTCAGGGTCTCTGGGAGCAATCCCTGACTTGGGGG
 CTGGGTGGCCCTCACAGTCTCAAAGAGAAAGGGTGACCCCTTGGTCTCCAGGAAGGAGAAGAAGCAG
 CGTTGTAGCCAGTAG
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites: SgfI-MluI
ACCN: NM_001099338
Insert Size: 2637 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:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_001099338.1</u>
RefSeq Size:	3308 bp
RefSeq ORF:	2637 bp
Locus ID:	728118
UniProt ID:	<u>Q8IVF1</u>
Cytogenetics:	10q23.2
MW:	93.9 kDa