

Product datasheet for **SC304871**

FAM160B1 (NM_020940) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	FAM160B1
Synonyms:	bA106M7.3; KIAA1600
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



Fully Sequenced ORF:

>SC304871 representing NM_020940.

Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAAATTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGTTCTCCAAGTTCACCTCCATCCTGCAGCAGCCGTTGGAGGCGCTTGCACCTTCTCTCTTTACAA
GAAGATTTTGTATCACTGGAAGCAATTACCCATTACTACATAGAGACTTCAGATGATAAAGCCCCA
GTGACCGATACAAATATTCATCGCATCTGGAACAGATGTTAGATATACTGGTTCAAGAAGAAAAATGAA
CGGGAATCTGGAGAGACAGGGCCATGTATGGAATATTTGCTTCATCACAAGATCTTGAAACATTATAT
ACCTTGGGGAAGCTGATTGTCCTCCGGGAATGAAACAGCAGGTTTTGGTTTTCTATACGAACTCTG
GGAAGAATCCGGCAGCCACTACTTCCACACATTAACGTGCACAGGCCAGTGCAGAAATTAATTAGACTC
TGTGGTGAAGTCCTAGCAACACCAACAGAAAAATGAAGAGATTCAAGTTTCTTGCATTGTGTGCGAAG
CTGAAACAGGACCCCTACCTGGTTAACTTTTCTAGAGAATAAGATGAAATCATTGGCTTCCAAGGA
GTACCAATGTAAATTCAGAAGATACATTAAGAGGTCAGGATTCCTTGTCAACAGATACAGGACAGTCC
CGTCAACCAGAGGAATATCTGGTCTACTGGAATGGAGCAACAGAAATGGAAGATGAGCCTCCTCAT
CAGATGGATCACCTGTCCACAAGCTTGGATAACCTCAGTGTACCTCACTGCCAGAGGCCTCGGTTGTT
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ACACAGAGCACTTGCTTGTGTAAGTACTGACAGACAGACTTGCCCTCCCTGTACAAGGCCCTACCTCAG
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GAGCACATTTTACAACCTGGTCTTGAGAAATCTTGAAGAAAGAAATTATACAGAATATAAACCTTTG
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TTATTTACTGACATTTACCAGAAAAACACTTTGCCAAACCAAGAGTGGCTTAGTTCTTCACTCCTGCT
ACTCCAGACCACCCAAAAATGATGAAAAAAGTGAAGTTCAAAAATGTAAGTATTTCTCTGCTG
GTACCGGATGACGCAAAATCCTCTACCATGTTGAGGGCACAGGATATGACACTTACCTCCGAGACGCT
CATAGGCAGTTCGAGACTACTGTGCTATCTGCTTAAGATGGGAGTGGCCTGGGTCTCCAAAGCATTG
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CCTCATCCACACATCCACGAGTACCTTTTGATCCTTACGTGAACCTCGCTCCTGGCTGTAGATCTCTC
TTCTCTGTAATTGTGAGGTTGTTGGAGACCTTATGCTTCGAATCCAGCGTATTCAAGACTTTACTCCC
AAGCTTCTGTTAGTCAGAAAGCGGTTACTTGGTTGGAACCTGAAGGCCCTATTATTGACCACATCACA
CTGCTAGAGGGTGTGATTGTGTAGAGAGTTCTGTAAGGAGCTGGCGGCAATCGCATTTGTAATAAT
CATGCTTCTCCACACCAATAA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGCGCCGGC
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Restriction Sites:

SgfI-MluI

ACCN:

NM_020940

Insert Size:

2298 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_020940.3</u>
RefSeq Size:	5828 bp
RefSeq ORF:	2298 bp
Locus ID:	57700
UniProt ID:	<u>Q5W0V3</u>
Cytogenetics:	10q25.3
MW:	86.6 kDa
Gene Summary:	Required for proper functioning of the nervous system.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (α).