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Product datasheet for SC207450

FAM83D (NM_030919) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Symbol:	FAM83D
Synonyms:	C20orf129; CHICA; dJ616B8.3
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_030919
Insert Size:	616 bp
Insert Sequence:	>SC207450 3'UTR clone of NM_030919 The sequence shown below is from the reference sequence of NM_030919. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC GATGTAGCACTTTATCCTTCCTATCAGTAACTGCTCCGTGTTCAGACTCCTGGTTTCTTCCAGGCTTAC AGTGGACATCATCAGCTTCCTGCTTTAAAAAATATCTTATGTCCCTAATTGCCTTTCTTTTACCTGACT TTGTCACCTTTGTTGTCTTTGAATTCTTTAGGCTGCATATTATTTTACATGCTTTGTTTTGTCATGTAT ATACCAGGTATTGGTTTTATGGTTTAAACACTATGGATACAGGGGTTTGTTTTGCACAATTTTAATAGT CATGCACTACATAATGATGTTTTGGTCAATGACAGACCACGTATATGTTGGCAGTCTCATAAGATTATA ATACTGTATTTTTACTATACCTTTTCTGTGTTTAGATACAAATACCATTATGTTACAGTTGCCTACAGT ATTCAGTGCAGTAACATGATGTACAGGTTTGTAGCCTGTTTTGCATTTTTCTTAGGTTGTATGCTCTTC TGTTTTAAAGGTTTGAATCACCAGCATTTTTGTGATCAAAATCCTATTTAGAAAAAATAAAACTACTTT CTGTTTATCTCTTTAGAATATCTGTGTTCTTAGCATTAAATAAATATAAACTTGTGCTTCTGTA ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG
Restriction Sites:	SgfI-MluI
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).

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Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_030919.3
Summary:	Probable proto-oncogene that regulates cell proliferation, growth, migration and epithelial to mesenchymal transition. Through the degradation of FBXW7, may act indirectly on the expression and downstream signaling of MTOR, JUN and MYC (PubMed:24344117). May play also a role in cell proliferation through activation of the ERK1/ERK2 signaling cascade (PubMed:25646692). May also be important for proper chromosome congression and alignment during mitosis through its interaction with KIF22.[UniProtKB/Swiss-Prot Function]
Locus ID:	81610
MW:	24.2