

Product datasheet for SC317501

FAM170A (NM_182761) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FAM170A (NM_182761) Human Untagged Clone
Tag:	Tag Free
Symbol:	FAM170A
Synonyms:	ZNFD
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC317501 representing NM_182761. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
 ATGAAACGACGACAAAAGAGGAAACATTTGAAAAATGAAGAGTCCCAGGAAACCGCTGAGAAGGGAGGA
 GGAATGTCAAAGTCCCAAGAGGATGCCCTGCAGCCTGGATCCACTAGAGTGGCCAAAGGCTGGAGCCAA
 GGGGTGGGAGAAGTTACTTCTACCTCCGAATACTGCTCCTGCGTTTCTTCTTACGCAAGCTCATCCAC
 AGTGAATCCAGAGAATACATCGAGACAGCCCCAGCCTCAATCACCCCTGGCCAGGTTTCAGGAACGA
 GGAGAGACTCCTCCCGCTCACAACATGTCTCCTTGTCTGCTCTATTATCCTATAAGACTTGTGTGTCC
 TCTCTGTGTGTAACAAAGAGGAAAGGGGCATGAAAATATACTACATGCAGGTACAAATGAACAAAGGT
 GTGGCTGTCTCCTGGGAGACAGAGGAACTTTGGAGTCCTTAGAAAAGCAGCCAAGGATGGAAGAAGTG
 ACCCTTTCTGAGGTTGTGAGGTTAGGTACTCCCCCTCTGATGTGTCCACCAGAAACCTCCTGTCTGAC
 AGTGAGCCAGTGGGGAGGAGAAAGAGCATGAGGAAAGGACAGAAATCAGACAGCCTGCCAGGCTCACCC
 ACCGTTGAGGACACCCAGAGCCAAGACTCCTGACTGGCTGGTGACCATGGAGAACGGCTTCAGGTGC
 ATGGCCTGCTGCCGGGTGTTACCAACCATGGAAGCCCTCCAGGAGCATGTGCAGTTTGGGATCAGAGAG
 GGCTTCAGCTGCCACGTCTTTCATCTCACCATGGCTCAGCTGACAGGCAACATGGAATCAGAGAGCACC
 CAAGATGAGCAGGAGGAGGAAAAATGGAATGAGAAGGAGGAGGAAGAGAAACCAGAAGCAAAGGAGGAG
 GAGGGGCAGCCACAGAAGAAGACCTTGGCCTGAGGAGATCCTGGAGCCAATGTCCAGGCTGTGTGTTT
 CATTCTCCAAAGGACAGGAAC**TGA**
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_182761
Insert Size:	990 bp


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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_182761.3</u>
RefSeq Size:	1471 bp
RefSeq ORF:	990 bp
Locus ID:	340069
UniProt ID:	<u>A1A519</u>
Cytogenetics:	5q23.1
MW:	37.1 kDa
Gene Summary:	Acts as a nuclear transcription factor that positively regulates the expression of heat shock genes. Binds to heat shock promoter elements (HSE).[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).