

Product datasheet for MC212758

Fam170a (NM_001004061) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fam170a (NM_001004061) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Fam170a
Synonyms:	Gm93; Znfd
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC212758 representing NM_001004061 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**C

ATGAAACGGCGACAAAGAGGAAACATCTGAAATTGAAGAGTCAAAGGAAGCTGGAATTTCAAAGTCAC
 AAGAGGATATCTCTCATCTGAATCCACTGGAGTGCCCAAAGCCAGAGCCAGGGTAGGGGAGGTCTC
 CTCTGCCTCCGAATACTTCTCTGTGTTTCTTCCACAAAGCTCATCCATCGTAGTAAGGGAACCTGG
 AAATTGCTACAGGACAGTTCCAAGCCTAGATCACCCTAGATCAGGTTCCGGAAGGAGAGGCGACTACTG
 CCCCTCACACAGGCCTTTCATCCTGTCCATCGTATAAGACTTGTGTGTCCTCTCTGTGTATGAACAA
 AGAGGAGAGGGGATGAAAATATACTACATGCAGGTGCAAATGAAAAAGGTGTGGCCATCTCTGGGAC
 ACAAGGAAACCTCAGAGTCCCTAGAAAAGCAGCCAAGGATGGAAGAAGCCACCTTCTGAGGGTGTGT
 GGGTAGGTACTCCACCCTCTGATGTGTCCACCAGAAACCTCTGTGCGACAGTGAACCCATTGGGGAAGA
 GAAAGAACATGAGGAAAAACCAGAGTCAGACAGCCACCAGGGTCTCCGCGGTTGAAGAGAGACCAAGG
 GCAAAGACACCTGACTGGCTCGTGACCATGGAGAATGGCTTTAGGTGTATGGCCTGCTGCAGGGTCTTCG
 CCACCATGGAAAGCCTCCAAGAGCATGTGCAGTATGGGATCAGGAAGGCTTCAGCTGCCACGTCTTCCA
 TCTCACCATGGCTCAGCTGATTGGCAGCATGGAATCAGAGAGCACCCAGGAGGAGGAAGAGGACCACACC
 GAGGAAACCGAGAAACCAAGGAAGAGAAGGCTGAGGAGCAGCAGCCACAGAGGAAGATGTCGGCATGA
 AGAAACCTGGAGCCAATGTCCAGGCTGTGTGTTGATTCTCAAAGGACAGAAGAAGAAGAAAGGACCA
 TTGCGACAACAGCGGCAGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



[View online »](#)

ACCN:	NM_001004061
Insert Size:	1002 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_001004061.1, NP_001004061.1</u>
RefSeq Size:	1342 bp
RefSeq ORF:	1002 bp
Locus ID:	225497
UniProt ID:	<u>Q66LM6</u>
Cytogenetics:	18 D1
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]