

Product datasheet for **MC222059**

Esf1 (NM_001081090) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Esf1 (NM_001081090) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Esf1
Synonyms:	2610101J03Rik; ABTAP; AW545818; C79684
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC222059 representing NM_001081090
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCATCCAACAAGAAATAATGGATGACCAGCGGTTTCAGGCGGTTTCAAAGGATCCCAGATTTTGGG
 AAATGCCAGAAAAGGAACGAAAAGTCAAAATTGACAAGAGGTTTCGAGCCATGTTCCATGATAAAAAAGTT
 TAAATTGAACTATGCTGTTGATAAAAAGAGTCTGCTCTATCAGTCACAGCACTACAGAAGACTTGAAGCGC
 TTCTATGACCTTTCAGACTCTGATTCTGATCTCTCTGATGAAGAAAGCAAAATACTCAGTCAGAAGAAAAG
 CGAAGCAGAAAAAACAAGACCAAAAAAGCAAAAGTCAATTGAAAAGCCGATTGAAGAGAAAAA
 AGAAACCAAGAAAAGTACCAAAAAGGATTCTATAAATAAACATGACTTAAATAATTCTGAAAAGATTTCAG
 AAAATGAAAAGTACAGAAACCTCAGAAGATAGATTGAGAAATAAGTCCCAAGAAGGATAATGAAGAAT
 TTCTACAAAATAAAAAAAGAAAAGGGTACCCTGACCTTAGTGTAGAAGCTTTGCCCAAAGGAAAAGCT
 AAGGACCAAGATTCCAGTACCTGAAATGGTGAATCTTCAACAATGAGTTCTTCTAAGGCAAGAGAGA
 GAAAAGCAATCAGTGGTTCAGTCATAATGGCAAAAGACAATGATGGTAAAATGCCTGACGAAGATGCC
 TGGAGGAGGATTCAGATAGTGCTAGTGACTAGGAAGTGTAGGAATCTGAAGATGAAATCATAAGTGA
 TGGTAAAACCTCAGCTGATGAGGATGAAAGTGAAGAAGAAGCAAGAAGAAGAGGAAGATAGTGAGGAG
 GAAGAAGAGGAGGAGGAGGAGGATGAAAGTACAGTGGTCTGATCTTGAAGGGGTAAGGAAATGTAG
 AAAGTGTCTGAAGATGAAGATGATTTGGCAGATTTGTTTCCGAAGAAGCTGGTTTTGAACATGCTTG
 GAGAGATTAAGAACGCTCCTCGGCTGATGAGATTACACGTCGACTAGCAGTTTGTAAACATGGAC
 TGGGATAGATTAAGGCGAAAGATTTGCTGGCTGTTCAACTCATTTAAGCCAAAGGAGGATGTAT
 TTTCTGTGAAGATATATCCTTCAGAGTTTGAAGAAGGAGGATGAAGGAAGAGCAAGTTCAAGACCAGT
 AGAGTTACTAAGTATTCGGAGGATGCCCTGAAAAGGACTGGGCTCTAGAGAGAAGCTAAGAGACTAC
 CAGTTCAAACGATTGAAATACTATTATGCAAGTACGAGTGTGATTCTCCTGAAACAGCAAGTAAGATT
 ATGAAGATTGTGATGGCCTGGAATTTGAAAGCAGTTGTTCTTTTATAGACTTAAGATTTATACCAGATGA
 TATTACCTTTGATGATGAGCCAAAGGATGTGGCCTTAGAAGTTGATTTAACGGCATATAAGCCAAAGTAT
 TTCACATCTGCTGCAATGGGAACATCAACGGTGGAGATCACTTGGGATGAGACTGACCATGAAAGAATCA
 CGACGCTTAACAGGAAGTTAAAAAGGATGAGCTTTTGGACATGGACTTTCAAGCCTACTGGCTTCTC
 TAGCGAGGATGAAGAGGAGTGAAGAAGCACCAGAAGGTGAAGAAGGAGTCAACATAGGAGAAGATGGG
 AAGACAAAAGAAAAGTGAAGGATGATGAAGAACAATGCTAAATACAGACAGCTCTTGCAGGTTATTC
 AAGAAAAAGAAAAGAAAAGAAAAGAAAATGATATGGAAATGGAATCAAAATGGGTTCCAGGCTTAAAGGA
 GAGTGCAGAAGAGATGGTCAAAAACAAGTTGGAGGAAAAGGATAAACTGACCCCTTGGGAACAGTTTTTA
 GAGAAGAAGAAAGAGAAGAAAAGACTGAAAAGAAAACAGAAGGCTCTTGCTGAAGAAGACAGTGAAGATG
 AGCTTCTTTCTGATGTTGATTTCAATGATCCCTACTTTGCTGAAGAAGTAAAAAATAGGTATAAAGAA
 AAAATCAATGAAATCTGCAAAAAGACAGCGCATCTTCAGAGGAAGAAACTGATCTGGAAAAACAAAAGGCT
 GAGATGGCTTTACTTGTAAATGGATGAGGAAGAGGACAGCAAGAAACACTTCAATTATGACAAGATTGTGG
 AGCACCAGAATCTGAGCAAAAAGAAAGAAACAGCTCATGAAAAAGAAGGAGTTAGTTGAGGATGACTT
 TGAGGTAATGTCAGTGTGCTCGGTTTCAGGCAATGTACTTCCCACCTGTTCAATTTGGATCCCTCT
 GATCCTAATTTCAAGAAAACAAAAGCTATGAAAAAATTTCTGGAGGAGAAGCTCGGCATCGAGAACGGA
 AGGAAGAACTTCTTATTCAAGCAGTAGAGAGACAGCAGGACACGGGAAAGCCAAACACAGAAGCAACC
 CATGGATCCCGCTTGTCCATGCTGATTAATCTGTGAAAAACAAAACAGAGCAGTTCCAAGCCAGAAAA
 AAACAGAGGGTCAAA**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-Mlul
ACCN: NM_001081090
Insert Size: 2538 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:	<ol style="list-style-type: none">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_001081090.1</u> , <u>NP_001074559.1</u>
RefSeq Size:	3392 bp
RefSeq ORF:	2538 bp
Locus ID:	66580
UniProt ID:	<u>Q3V1V3</u>
Cytogenetics:	2 F3
Gene Summary:	May constitute a novel regulatory system for basal transcription. Negatively regulates ABT1 (By similarity).[UniProtKB/Swiss-Prot Function]