

Product datasheet for MC210625

Sfr1 (NM_026377) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sfr1 (NM_026377) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Sfr1
Synonyms:	6330577E15Rik; Meir5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC210625 representing NM_026377 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**C

ATGGCTGAGGAAGGAAATCAGGAGTTCACCTCCAAGATGGAAAACATCAGATTGAGCATCGACTTCAC
 CTGATGCTCCTCAGCCAGTGAGAATCCACCATCACCACCGACTTCACCTGCCGCTCCTCAGACCACTGA
 GAATCCACCATCACCACCGACTTCACCTGCCGTTCTCAGACCAAGGAGAATCCACCATCACCACCGACT
 TCACCTGCCGCTCCTCAGCCAGGAGAATCCACCATCACCACCGACTTCACCTGCCGCTCCTCAGCCCA
 GGGAGAATCCACCATCACCACCGACTTCACCTGCCGCTCCTCAGCCAGGAGAATCCACCATCACCACCA
 TTCGAATAGTTCAGGAAAACAACCTCTGAGTGGAACACCTAAAGAAAGGTTAAAGAAAGCAAGATCTTCA
 TCTCATTCAATTTGTAGTGTGGTGAAGCGTATGAAGGTAGAGAATGACGAAAATAATGAGACCTTTTCAG
 AACCAGGAGAATCTTCAAAGGAAGAAAATTGTTCAAAGGCCCAAGAAAGCTTGAAAAACAAGACAGTGA
 GCCTGGAGAAAAGAGCTCAGAGGAGAAAAACACGTGTGAATCTAAGTCGTCGGATACTGGGTCACTAAT
 GCCCTCCCAAAGGAGTCTGAGAAATGCGATCATTAGAGAAAAATTAACAAGAAAAATAAGATTGATTA
 GGCAGGTTGAAGAGAAGGAAGACCTTCTCGGAGGTTAAAGTTAGTCAAGATGTATAGAATAAAGAACGA
 CGTGACTGAGTTAGAGAATCTAATAAAGAAGTGGAGGAAGTGTGGTCAGCGGCTGCTGTGTGAGCTGCAG
 TCTATCATGTGCGAGGACGAGGACGAGAAGCTGACGCTCACCAGCTGATCGACTTCTACGGGATAGATG
 ACAACTTGCTGCACTACAATCGAAGTGAAGAAGAGTTTACAGGGGT**GTA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_026377


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Insert Size:	960 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:	NM_026377.2 , NP_080653.2
RefSeq Size:	1583 bp
RefSeq ORF:	960 bp
Locus ID:	67788
UniProt ID:	Q8BP27
Cytogenetics:	19
Gene Summary:	Component of the SWI5-SFR1 complex, a complex required for double-strand break repair via homologous recombination (PubMed:20976249). Acts as a transcriptional modulator for ESR1.[UniProtKB/Swiss-Prot Function]