

Product datasheet for MC210649

Sumf2 (NM_026445) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Sumf2 (NM_026445) Mouse Untagged Clone
 Tag: Tag Free
 Symbol: Sumf2
 Synonyms: 2610040F05Rik
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >MC210649 representing NM_026445
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGCGCTCTGAGTTCTGGTTCCCCAGCATGGGTTCTTGCTCCCTCCGGTGTGCTGCTGTGGCTCCTGT
 CCTGCCCCAGGCTTCAGCTAGGACATGCCAGGATCCTGCCATGGTGCATCTGCCAGGTGGCCGGTTTCT
 GATGGGGACAGACGCTCCAGATGGCAGAGACGGTGAAGGGCTGCCCGGGAAGTGACAGTAAAACCTTT
 GCCATCGACATATTTCCAGTCACCAATAAAGACTTCAGGGAGTTTGTGAGGAGAAGAAGTACCAGACTG
 AAGCCGAGGCATTCCGGTGGAGCTTCGTCCTTTGAGGATTTTGTCTCCCTGAGCTCAGAAAGCAAGAAAA
 TCTGATGCCGGCTGTTCACTGGTGGCAGCCAGTGCCAAAGGCATTTTGGAGGCAGCTGCAGGTCCCGGC
 TCTGGCATCCGAGAGAACTGGAGCTTCCCGTGGTACACGTGAGCTGGAACGACGCTGGTGTACTGCG
 CATGGCGGGGAGACGCTTGCCACAGAAGAGGAGTGGGAGTTTGCAGCCGAGGGGGCTTGAAGGGTCA
 GGTTTATCCATGGGGGAACCGGTTCCAGCCAAACCGCACCAACTATGGCAGGGAAAGTTCCCAAAGGT
 GACAAAGCTGAAGATGGTTTTTCATGGACTGTCACAGTGAACGCTTCCCCACAGAACAACTACGGAC
 TGTATGACCTCATGGCAATGTGTGGGAGTGGACAGCTCCACATACCAACCTGCTGGCCAGGACATGCG
 TGTCTCCGGGGGCATCATGGATCGACCCGACAGCGGCTCTGCTAATCACAGGGCTCGGGTCAACACC
 AGGATGGGAAACTCCAGACTCAGCCTCAGACAACTGGGCTTCGCTGCGCCTCCAGTGCAGGCCGAC
 CGAAGGAGGACCTG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
 ACCN: NM_026445
 Insert Size: 927 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).
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:	NM_026445.2 , NP_080721.1
RefSeq Size:	2161 bp
RefSeq ORF:	927 bp
Locus ID:	67902
UniProt ID:	Q8BPG6
Cytogenetics:	5 G1.3
Gene Summary:	Lacks formylglycine generating activity and is unable to convert newly synthesized inactive sulfatases to their active form. Inhibits the activation of sulfatases by SUMF1. [UniProtKB/Swiss-Prot Function]