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Product datasheet for MC223430

Sugp2 (NM_172755) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sugp2 (NM_172755) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Sugp2
Synonyms:	mKIAA0365; Sfrs14; Srsf14
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC223430 representing NM_172755 Red=Cloning site Blue=ORF Orange=Stop codon TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCCGCGATCGCC ATGGCAGCAAGGCGGATGGCGCAGGAATCTTTGGACAGTGTATTACAGGAGAAATCTAAACGGTATGGGG ATTCCGAAGCTGTTGGTGAAGCTCTCCATCTTAAAGCTCAAGATCTCCTAAGGACAGGCTCAAGAGCCAG AGCAGATGTCTATGAGGACATTCATGGTGATAGCAGGTACTCCGCCAGTGGATCTGGAGTGTATTCACTA GACATGGGAAGAGAGGGTCTGAGAGGTGACATGTTTGTGGGACCCTCCTTCAGATCTAGCAACCAGTCGG TTGGTGAAGACAGCTATCTTCGCAAAGAATGTGGCCGGGATCTGGAACCAGCCCATACTGACTCCCGGGA CCAGAGTTTTGGCCACCGGAATCTGGGACATTTTCCTTCTCAGGACTGGAAACTTGCGCTCCGTGGCTCT TGGGAACAAGACTTGGGCCACTCAGTTTCTCAAGAATCCTCCTGGTCACAGGAATATGGTTTTGGGCCCT CATTGTTAGGAGACTTGGCCTCCTCCAGGCGGATGGAGAAGGAAAGTCGGGATTATGACCTGGACCATCC TGGGGAGGTGGACTCTGTGTCTAGAAGCAGTGGGCAAGTCCTGACCAGAGGCCGATCTCTAAACATAGCT GACCAGGAAGGCACTCTACTAGGAAAGGGGGACACCCAGGGTCTGCTTGGAGCAAAGGGTGTTGGGAAGC TTATCACACTGAAAAGCATGACCACGAAGAAAATACCTGTTGCCAGTCGTATTACTTCCAAACCTCAGGG CACTAACCAAATCCAGAAACCCACTCCAAGTCCTGATGTGACCATTGGGACAAGTCCAGTGCTAGATGAA ATCCAGTTCGCTGCTCTGAAGATTCCTTTGGGGCTGGACCTTAGGACCCTTGGCTTGCCCAGAAGGAAGA TGGGTTTTGATGCCATAGACAAGGCAGATGTGTTCTCAAGGTTTGGCATAGAGATCATCAAGTGGGCAGG ATTCCACACTATCAAGGATGACCTGAAGTTCTCCCAACTCTTCCAGACTCTTTTTGAACTGGAAACTGAG ACCTGTGCCAAGATGCTGGCCTCCTTCAAATGCTCCTTGAAGCCGGAGCATAGAGATTTCTGCTTTTTTA CCATCAAGTTTCTAAAGCACTCTGCTCTGAAAACGCCCCGAGTTGATAATGAGTTTTTAAACATGCTTTT AGACAAAGGTGCTGTGAAGACCAAAAACTGCTTTTTTGAGATCATCAAGCCCTTCGACAAGTCCATCATG CGGCTCCAGGACCGACTGCTGAAGGGCGTCACACCCTTACTCATGGCCTGTAATGCCTATGAACTGAGTG TCAAGATGAAGACCCTCACTAGCCCATTGGACCTGGCTATGGCCCTGGAGACCACCAACTCTCTTTGCAG GAAGTCCCTGGCCCTCTTAGGCCAGACCTTCTCCTTGGCTTCTTCCTTCCGGCAGGAGAAGATCCTAGAG GCTGTGGGCCTCCAAGACATCGCTCCATCCCCGGCCTACTTCCCAAATTTTGAAGATTCCACTTTGTTCG

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GAAGGGAGTACATAGACCACCTGAAGGCCTGGCTCATGGCCAGTGGCTATCCCCTCCAGCTCAAGAGAGC
TGTGCCCCCAGAGTCCCGAGAACAGAAAACCACAGCTCAGACCTGGGCTTCGAGCACTCTGAGCCAAGCA
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ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_172755

Insert Size: 3204 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.

RefSeq: NM_172755.3, NP_766343.3

RefSeq Size: 3898 bp

RefSeq ORF:	3204 bp
Locus ID:	234373
UniProt ID:	Q8CH09
Cytogenetics:	8 B3.3
Gene Summary:	May play a role in mRNA splicing.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) differs in the 3' UTR compared to variant 1. Variants 1 and 2 both encode the same protein.