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Product datasheet for SC321393

SNURF (NM_005678) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SNURF (NM_005678) Human Untagged Clone
Tag:	Tag Free
Symbol:	SNURF
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_005678.3 AATTCGGCACAGGGCCGCCGGAGATGCCTGACGCATCTGTCTGAGGAGCGGTCAGTGACG CGATGGAGCGGGCAAGGGATCGCTTACACCTGAGACGAACTACAGAACAGCACGTACCAG AGGTGGAAGTCCAAGTCAAACGCAGAAGGACTGCCTCACTGAGCAACCAAGAGTGTCAGT TGTACCCGAGGCGTTCTCAGCAGCAGCAAGTACCTGTGGTGGATTTCCAGGCTGAACTGA GGCAGGCATTCTTAGCTGAGACACCAAGAGGTGGTTAAAGCCATATTGGAGTAGCGAGGA ATCTGATTCCAAGCAAAAACCAGGCTCCATCTACTCTTTGAAGCTTCTGCCCAGCTTGCA TTGTTTCTAGGAGAACCCGCGTCATACCTTTATCTATAGCCTTCCCCTAGGTCTTCAGAA GCATCAAGTTTTAACTGTGGACATTGGATTTGGTGGAACAGCAATCATGACTGTTGGCAA GAGTAGCAAGATGCTGCAGCACATTGACTATAGAATGAGATGTATCCTGCAAGATGGCCG AATCTTCATTGGCACCTTTAAGGCTTTTGACAAGCATATGAATTTGATCCTCTGTGATTG TGATGAGTTCAGAAAGATCAAGCCAAAGAATGCGAAGCAACCAGAGCGTGAAGAAAAGCG GGTTTTGGGTCTGGTGTTGCTGCGTGGGGAGAACTTGGTATCCATGACTGTGGAGGGGCC ACCCCCCAAAGATACTGGCATTGCTCGGGTACCACTTGCTGGAGCTGCTGGAGGCCCTGG GGTTGGTAGGGCAGCTGGTAGAGGAGTACCAGCTGGTGTGCCAATTCCCCAGGCCCCTGC TGGATTGGCAGGCCCTGTCCGAGGAGTTGGGGGACCATCCCAGCAGGTAATGACTCCACA GGGAAGAGGCACTGTAGCAGCTGCTGCTGTTGCTGCGACTGCCAGTATTGCTGGAGCCCC AACACAGTACCCACCAGGACGGGGCACTCCGCCCCCACCCGTCGGCAGAGCAACCCCACC TCCAGGCATTATGGCTCCTCCACCTGGTATGAGACCACCCATGGGCCCACCAATTGGGCT TCCCCCTGCTCGAGGGACGCCAATAGGCATGCCGCCTCCGGGAATGAGACCCCCTCCACC AGGCATTAGAGGTCCACCTCCCCCAGGAATGCGTCCACCAAGACCTTAGCATACTGTTGA TCCATCTCAGTCACTTTTTCCCCTGCAATGCGTCTTGTGAAATTGTGTAGAGTGTTTGTG AGCTTTTTGTTCCCTCATTCTGCATTAATAATAGCTAATAATAAATGCATAGAGCAATTA AACTGTGAAAAAAAAAAAAAAAAAA
Restriction Sites:	Please inquire
ACCN:	NM_005678

View online »

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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_005678.3, NP_005669.2
RefSeq Size:	1326 bp
RefSeq ORF:	216 bp
Locus ID:	8926
UniProt ID:	Q9Y675
Cytogenetics:	15q11.2
Domains:	Sm
Protein Families:	Stem cell - Pluripotency
Gene Summary:	This gene is located within the Prader-Willi Syndrome critical region on chromosome 15. Transcripts produced from this gene initiate at an imprinting center and are paternally-imprinted. These transcripts may be bicistronic and also encode SNRPN (small nuclear ribonucleoprotein polypeptide N) from a downstream open reading frame. The small protein represented by this gene is encoded by an evolutionarily-conserved upstream open reading frame and is localized to the nucleus. Extensive alternative splicing and promoter usage occurs in this region and the full-length nature of some of these transcripts has not been determined. Alterations in the imprinting center are associated with parental imprint switch failure, which may cause Angelman syndrome or Prader-Willi syndrome. [provided by RefSeq, Mar 2017] Transcript Variant: This variant (1) is the predominant splice variant and represents a bicistronic transcript that can also encode the SNRPN protein.