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Product datasheet for SC323775

CSN1 (GPS1) (NM_004127) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CSN1 (GPS1) (NM_004127) Human Untagged Clone
Tag:	Tag Free
Symbol:	CSN1
Synonyms:	COPS1; CSN1; SGN1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)

View online »

Fully Sequenced ORF:

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>OriGene sequence for NM_004127.4
CGCCGCGGCGGGGTGGGTGCAAGATGCCGCTGCCGGTTCAGGTGTTTAACTTGCAGGGGG
CCGTGGAGCCCATGCAGATCGACGTGGACCCCCAGGAAGACCCGCAGAATGCACCTGACG
TCAACTACGTGGTGGAGAACCCCAGCCTGGATCTGGAACAGTACGCGGCCAGCTACAGCG
GCCTGATGCGCATCGAACGGCTGCAGTTCATTGCTGATCACTGCCCCACGCTGCGGGTGG
AGGCCCTGAAGATGGCCCTCTCCTTCGTGCAGAGAACCTTTAACGTGGACATGTACGAGG
AGATCCACCGCAAGCTCTCAGAGGCCACCAGGTCCTCTCTCAGGGAGCTGCAGAACGCAC
CCGACGCCATCCCTGAGAGCGGCGTGGAGCCCCCAGCCCTGGACACGGCCTGGGTGGAGG
CCACGCGGAAGAAGGCGCTGCTGAAGCTGGAGAAGCTGGACACAGACCTGAAGAACTACA
AGGGCAACTCCATCAAAGAGAGCATCCGGCGCGGCCACGACGACCTGGGCGACCACTACC
TGGACTGTGGGGACCTCAGCAACGCCCTCAAGTGCTATTCCCGGGCCCGGGACTACTGCA
CCAGCGCCAAACACGTCATCAACATGTGCCTCAATGTCATCAAGGTCAGCGTCTACTTGC
AGAATTGGTCTCATGTGCTCAGCTACGTCAGCAAGGCTGAGTCCACCCCAGAGATTGCCG
AGCAGCGAGGAGAGCGTGACAGCCAGACCCAGGCCATCCTCACCAAGCTCAAGTGTGCCG
CAGGCTTGGCAGAGCTGGCCGCCAGGAAGTACAAGCAGGCTGCCAAGTGCCTCCTGCTGG
CTTCCTTTGATCACTGTGACTTCCCTGAGCTGCTGTCCCCCAGCAACGTGGCCATCTACG
GTGGCCTGTGCGCCTTGGCTACCTTTGACCGGCAGGAGCTGCAGCGCAATGTCATCTCCA
GCAGCTCCTTCAAGTTGTTCTTGGAGCTGGAGCCACAGGTCCGAGACATCATCTTCAAAT
TCTACGAGTCCAAGTACGCCTCATGTCTCAAGATGCTGGACGAGATGAAGGACAACCTGC
TCCTGGACATGTATCTGGCCCCCCATGTCAGGACCCTGTACACCCAGATTCGCAACCGTG
CCCTCATCCAGTATTTCAGCCCCTACGTGTCAGCCGACATGCATAGGATGGCGGCAGCCT
TCAATACCACGGTGGCCGCCCTGGAGGACGAGCTGACGCAGCTAATCCTGGAGGGGCTGA
TCAGTGCCCGTGTGGACTCACACAGCAAGATCCTATACGCCCGGGACGTGGATCAGCGCA
GCACCACCTTTGAGAAGTCTCTGTTGATGGGCAAGGAGTTCCAGCGCCGCGCCAAGGCCA
TGATGCTGCGGGCAGCTGTGCTCCGCAACCAGATCCATGTCAAGTCCCCGCCCAGAGAAG
GGAGCCAGGGGGAGCTGACTCCAGCCAACAGCCAGTCCCGGATGAGCACCAACATGTGAG
GGGTGAACCTTGGCCTCCAGGACATCTGCACCCCCTCCCCACCTCCACGGACCTCGGACC
TCCAGGCGGCTCAGTGCTGCCTGCGGCCCAGCTAAGGGGCCTGGCCACTGGGTGCCACCC
AGCCTGTGTGCCCTCCCTGGGGCTGAGGAGGCAGGCGGCTGCTAGTTGTGGCCCTTCCTG
GAAGGAGAGGCCTGCAGGGCTCGACCCTGTGGGTTTCTGTCCCCAGGGAGCAGACTGTGC
GGCACCCAGGCCCAGTGGCACCATTTCCCAGACCCCTCCTGTTCCCGCCTCAGTCAGGTG
CAGACAAGTGGGCGGTGTCCATTAAAGAGCAGACTCAGCCTTAAAAAAAAAAAAAAAAAA
AAAAAAAAAA
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Restriction Sites: ECoRI-NOT

ACCN: NM_004127

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_004127.4, NP_004118.3
RefSeq Size:	1880 bp
RefSeq ORF:	1476 bp
Locus ID:	2873
UniProt ID:	Q13098
Cytogenetics:	17q25.3
Domains:	PCI
Protein Families:	Druggable Genome
Gene Summary:	This gene is known to suppress G-protein and mitogen-activated signal transduction in mammalian cells. The encoded protein shares significant similarity with Arabidopsis FUS6, which is a regulator of light-mediated signal transduction in plant cells. [provided by RefSeq, Mar 2016]