

Product datasheet for **SC127329**

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:	GPS1
Synonyms:	COPS1; CSN1; SGN1
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None
Fully Sequenced ORF:	>NCBI ORF sequence for NM_004127, the custom clone sequence may differ by one or more nucleotides

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ATGCCGCTGCCGGTTCAGGTGTTAACTTGCAGGGGGCCGTGGAGCCCATGCAGATCGACGTGGACCCCC
AGGAAGACCCGCAGAATGCACCTGACGTCAACTACGTGGTGGAGAACCCAGCCTGGATCTGGAACAGTA
CGCGGCCAGCTACAGCGGCTGATGCGCATCGAACGGCTGCAGTTCATTGCTGATCACTGCCCCACGCTG
CGGGTGGAGGCCCTGAAGATGGCCCTCTCTTCGTGCAGAGAACCTTTAACGTGGACATGTACGAGGAGA
TCCACCGAAGCTCTCAGAGGCCACCAGGTCTCTCTCAGGGAGCTGCAGAACGCACCCGACGCCATCCC
TGAGAGCGGCGTGGAGCCCCAGCCCTGGACACGGCTGGGTGGAGGCCACGCGGAAGAAGCGCTGCTG
AAGCTGGAGAAGCTGGACACAGACCTGAAGAACTACAAGGGCAACTCCATCAAAGAGAGCATCCGGCGCG
GCCACGACGACCTGGGCGACCACTACCTGGACTGTGGGACCTCAGCAACGCCCTCAAGTGTATTTCCCG
GGCCCCGGACTACTGCACCAGCGCCAAACAGTCATCAACATGTGCCTCAATGTCATCAAGGTCAGCGTC
TACTTGCAGAATTGGTCTCATGTGCTCAGCTACGTACGCAAGGCTGAGTCCACCCAGAGATTGCCGAGC
AGCGAGGAGAGCGTGACAGCCAGACCCAGGCCATCCTCACCAAGCTCAAGTGTGCCGAGGCTTGGCAGA
GCTGGCCGCCAGGAAGTACAAGCAGGCTGCCAAGTGCCTCCTGCTGGCTTCCTTTGATCACTGTGACTTC
CCTGAGCTGCTGTCCCCAGCAACGTGGCCATCTACGGTGGCCTGTGCGCCTTGGCTACCTTTGACCGGC
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TCATCCAGTATTTAGCCCTACGTGTGACCCGACATGCATAGGATGGCGGCAGCCTTCAATACCCAGGT
GGCCGCCCTGGAGGACGAGCTGACGCAGCTAATCCTGGAGGGGCTGATCAGTGCCTGTGGACTCACAC
AGCAAGATCCTATACGCCGGGACGTGGATCAGCGCAGCACACCTTTGAGAAGTCTCTGTTGATGGCA
AGGAGTCCAGCGCCGCGCAAGGCCATGATGCTGCGGGCAGCTGTGCTCCGAACCCAGATCCATGTCAA
GTCCCCGCCAGAGAAGGGAGCCAGGGGAGCTGACTCCAGCCAACAGCCAGTCCCGGATGAGCACCAAC
ATGTGA
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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_004127 unedited AATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGGCCGCGGGGGTGGGTGC AAGATGCCGCTGCCGGTTCAGGTGTTAACTTGCAGGGGGCCGTGGAGCCCATGCAGATC GACGTGGACCCCCAGGAAGACCCGAGAATGCACCTGACGTCAACTACGTGGTGGAGAAC CCCAGCCTGGATCTGGAACAGTACGCGGCCAGCTACAGCGGCCTGATGCGCATCGAACGG CTGCAGTTCATTGCTGATCACTGCCCCACGCTGCGGGTGGAGGCCCTGAAGATGGCCCTC TCCTTCGTGCAGAGAACCCTTAACTGGACATGTACGAGGAGATCCACCGCAAGCTCTCA GAGGCCACCAGGGAGCTGCAGAACGCACCCGACGCCATCCTGAGAGCGCGTGGAGCCC CCAGCCCTGGACACGGCCTGGGTGGAGGCCACGCGGAAGAAGGCCTGCTGAAGCTGGAG AAGCTGGACACAGACCTGAAGAATAACAAGGGCACTCCATCAAAGAGAGCATCCGGCGC GGCCACGACGACCTGGGCGACCACTACCTGGACTGTGGGGACCTCAGCAACGCCCTCAAG TGCTATCCCGGGCCCGGACTACTGCACCAGCGCAAACACGTCATCAACATGTGCCTC AATGTCATCAAGTCCAGCGTCTACTTGCAGAATTGGTCTCATGTGCTCAGCTACGTCAGC AAGCCTGAGTCCACCCANAGATTGCCGAGCAGCGAGGAGAGCGTGAAGCCAGACCCAGC CATCCTTACCAGCCCAAGTGTGCCGCCAGCTTGCAGAGCTGCCCGCAGAANTACAAGCAG CTGACAGNGCCTCCTGCTCCTTTGAAACTGNGACTTCTGGACTGTGTCGCCACCAC GTGGCCTTACGGGGCTTGGGCCTTGTACCTTGACGGAGAAGTGAAGGCATGCTTCTCA CACTCTCAGTGGTCTGGCTGGGACAGG</p>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_004127 unedited TTTGTCCGCGCCGCTTTCTANATCGAGTTTTTTTTTTTTTTTTTTTTTTTAAACGCTGAGT CTGCTCTTTAATGGACACCGCCCACTTGTCTGCACCTGACTGAGGCGGGAACAGGAGGGG TCTGGGAAATGGTGCCACTGGGCCTGGGTGCCGCACAGTCTGCTCCCTGGGGACAGAAAC CCACAGGGTCGAGCCCTGCAGGCCTCTCCTTCCAGGAAGGGCCACAACAGCAGCCGCT GCCTCCTCAGCCCAAGGAGGGCACACAGGCTGGGTGGCACCCAGTGGCCAGGCCCTTA GCTGGGCCGAGGCGACTGAGCCGCTGGAGGTCCGAGTCCGTGGAGGTGCGGAGGG GGCTGCACATGCCCTGGAGGCCAAGGCTCACCCCTCACATGTCGGTGCTCATTCCGGACT GGCTGTTGGCTGGAGTCAGTTCCCCCTGGCTCCCTTCTCTGGGCGGGGACTTGACATGGA TCTGGTTGCGGAGCACAGCTGTCCGAGTATCATGGCCTTGGCGCGGCGCTGGAACCTCT TGCCCATCAACAGAGACTTCTCAAAGGTGGTGTGCGCTGATCCACGTCCCGGGCGTATA GGATCTTGCTGTGTGAGTCCACACGGGCACTGATCAGCCCTCCAGGATTACCTGCGTCA GCTCCTCCTCAGGCGGACCACCGTGGTATTGAAGGCTGCCCGCTCCCATGCATGTCGC CTGCCCCGNTCGGGCCTGACATCTTGCATGAGGGCCCCGTGCAACCTGGGTGCACAGGG CACTGACCATGCGGGGCCAAAATACATGTCCAGGAACAGGTTGGTCTTATCTTCGCCAC CACTCTGAAAAATGAGTGTACCTTGGACTTTTAAATTTTGAAGATGATGCTTGGCCTTGC GCTCCACCTTCAAAAACTTGAAGAAGCTTGAAAAAACTGGCCTCACTCCTCCCGCT AAAGTACTAAGG</p>
Restriction Sites:	ECORI-NOT
ACCN:	NM_004127
Insert Size:	1910 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_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]