

Product datasheet for **SC126846**

PROSER1 (NM_170719) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PROSER1 (NM_170719) Human Untagged Clone
Tag:	Tag Free
Symbol:	PROSER1
Synonyms:	C13orf23
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_170719, the custom clone sequence may differ by one or more nucleotides

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ATGGATAAAAAGTCCTTTGAAATGGTGCTGGATGAAATTAGAAAGGTGGTTGATTTGCTGAGATATTTTT
CCTGGGCCGAGCCCCAGTTGAAGGCAATGAAAGCATTACAGCATAAAAATGGTGGCTGTCCAGCCAACAGA
AGTGGTCAATATACTCAACTGTTTCACCTTCAGTAAAGACAAACTAGTTGCTCTTGAAGCTGTTAGCCTCG
AACATTATTGATGCACAGAATTCTCGTCCATTGAAGATTATTACAGGGTAAATATGCTGTGAGAAGAAAC
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CCTTTGAAAAAGATGGTGAAGAATGTACTAACGAAGGCAAAGGAATAGCTGCACGAATTCTTGGGCCAT
CCAAACCACCTCCTTCAACATATAATCCACATAAACCTGTTCTTATCCGATACCTCCATGCCGACCACA
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TGCAACTCCTGTTCTACTGCATCCCCAGTCAAGGCAATTAATCATCCATCAGCATCAGCAGCTGCCACC
GTTTCTGGAATGAACCTGCTGAATACTGTCTTCTGTGTTCCAGGGCAGGTCTCCTCAGCCGTTCCACA
CACCTCAGCCATCAATACCAAACCAACAGTTATCAGAACCCCTTCATTGCCCACTGCACCTGTTACATC
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TCTTTGCAACCAAGCCTGTCCAGAGTGGGTGGCAGTGA

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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_170719 unedited TGTATACGACTCTATAGGGCGGCCGGAATTCGCACGAGGGCCAACAGAAGTGGTCAAT ATACTCAACTGTTTCACTTTTCTAGTAAAGACAACTAGTTGCTCTTGAAGTGTAGCCTCG AACATTATTGATGCACAGAATTCTCGTCTATTGAAGATTTATTCAGGGTAAATATGTCT GAGAAGAAACGGTGCAAGAGAATACTTGAACAGGCTTTCAAGGGGGCTGCAAAGCTCCT CATGCTATGATATCTTCTGTGGAACAATCCCAGGAAATCCATATCCCAAAGGAAGACCT AGCCGCATAAATGGAATTTTCCAGGAACTCCTTTGAAAAAAGATGGTGAAGAATGTACT AACGAAGGCAAGGAATAGCTGCACGAATTCCTGGGCCATCCAAACCACCTCCTTCAACA TATAATCCACATAAACCTGTTTCTTATCCGATACCTCCATGCCGACCACATGCAACTATT GCACCAAGTGCTTATAACAATGCAGGTCTGGTACCATTAGCGAATGTCATAGCTCCACCT CCACCTCCATATACTCCTAATCTGTAGGAACAGAGAATGAAGACCTTTGAAATCCGTCA AAACCTATACAGAATCAACATTTTCCACCCAGCAAGTCAACTCTTTTCTCCTCATGGT TCTAATCCTTCAACACCTGCTGCAACTCCTGTTCTACTGCATCCCAAGTCAAGGCAATT AATCATCCATCAGCATCAGCAGTCCACCGTTTCTGGAATGAACCTGCTGAATACTGTC CTTNTCTGTGNTCCAGGGCAGGTCTCCTCAGCCCGTCACACACCTCAGCCATCATACCC AACCCACAGTTATCAGAACCCCTTCATTGCCACTGNCCTGTT
3' Read Nucleotide Sequence:	>OriGene 3' read for NM_170719 unedited TTAGCTATGNNACCGCGGCCGGAATCTAGGATCGAGTTTTTTTTTTTTTTTAACTCTT AAAAGAATTTTATGGGTATAGATTTAAGAAAAACAATGGCAACTCCAGCAACTGGTATC AGATTAACTATAGCTTACATTCTGTGTTTAAAGACATAAATCTGTCTGTTTATATGTTG GTTATGACTTTTACATTAAATATCATTTAAACGAATGAGCAATCAGTAGTATAAACAGA GTTACAACATAAATTTGGATAAAATGTTCAATAATTAAGTCTAGCACGTATACAAATTA GAAAGCCTATCCAAGCACTTAGTAAAACACAGAATATTTGTCATATCCATAGTTTATTTT AAAAAAGTGTAAAACTAACCATACAGGTTTATTAATATACTTAAAAAGTTTGTTCCTT ATGTTGAAGTAAATACATTAGCAACATCTTCCGACACCATCTTTATAAAAGTAAAGT TCTAGATCCTGAAATGTACTACAGTAGAGTCTATAGTTTACACTTTTAAATCACAGATTGG AATTCACTCTCCTTACTCCCTACTTCCACATGTGGCAGTTATTACTTCAAAATTAATG ACATTCATCATGTTATACTACCACAGATCCTTANATAGAGTACATACTGCATAATTACT AACAGAGCCAGTCTTCTCTATTTGTTGTACATATTTTATATAAGCATTTGACTTANAGT ACAAATAGAAATACTACATCCCATAAATTGTAAACAANACCAGGAGCTTTATAGTACAG TNAGTAACAGAAGTTGGCCCCAGAGTCAAGTNCAGTTGTTCTCCACTCACTGGATACTGCT GAGATTAGAAAAGTGTGTTGAGGCAATATCCTAACCTTACTTGGATTNTATAAGGATGC AGTCTGTATTATACTTTTCAAGTGAACACCTGAAGTCATTTCTAGTCTCATAAGCACCAT TCACT
Restriction Sites:	NotI-NotI
ACCN:	NM_170719
Insert Size:	4370 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:	<u>NM_170719.1, NP_733837.1</u>
RefSeq Size:	5162 bp
RefSeq ORF:	2433 bp
Locus ID:	80209
Cytogenetics:	13q13.3
Protein Families:	Druggable Genome
Gene Summary:	This gene encodes a conserved protein containing proline and serine rich regions. These regions may be important in protein-protein interactions. [provided by RefSeq, Aug 2012] Transcript Variant: This variant (2) lacks an alternate in-frame exon compared to variant 1. The resulting isoform (2) has the same N- and C-termini but is shorter compared to isoform 1. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.