

Product datasheet for **SC127428**

PROSER1 (NM_025138) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PROSER1 (NM_025138) Human Untagged Clone
Tag:	Tag Free
Symbol:	PROSER1
Synonyms:	C13orf23
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_025138, the custom clone sequence may differ by one or more nucleotides

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ATGGATAAAAAGTCCTTTGAAATGGTGCTGGATGAAATTAGAAAGGCTGTTTTGACAGAATACAAATTA
AAGCAATTGAATATGTGCATGGATACTTTCTAGTGAACAGGTGGTTGATTGCTGAGATATTTTCTCTG
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GTCAATATACTCAACTGTTTCACTTTTCACTAAAGACAAAAGTGTGCTCTTGAAGTGTAGCCTCGAACA
TTATTGATGCACAGAATTCTCGTCTATTGAAGATTTATTCAGGGTAAATATGTCTGAGAAGAAACGGTG
CAAGAGAATACTTGAACAGGCTTTCAAGGGGGGCTGCAAGCTCCTCATGCTATGATATCTTCTGTGGA
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ACTCCTGTTCTACTGCATCCCCAGTCAAGGCAATTAATCATCCATCAGCATCAGCAGCTGCCACCGTTT
CTGGAATGAACCTGCTGAATACTGTCTTCTGTGTTCCAGGGCAGGTCTCCTCAGCCGTTTACACACC
TCAGCCATCAATACCAAACCCCAAGTATCAGAACCCCTTCAATGCCCAGTGCACCTGTTACATCCATC
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CAAACTGAGCCACAAGTCTACTCCCTCGGCCTTCAAAGGTCCATCTCATTCTGGGAATCCCTCTCAT
GGCACTTTAGGTTTGTGAGGGACATTGGGCCGTGCATATACTTCAACATCCGTGCCCATCAGTTTATCTG
CTTGCCTTAATCCTGCATTGTGAGGTCTCTCCAGCTTGAGTACTCCTTTAAATGGTTCAAATCCTCTTTC
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TGCAACCAAGCTGTCCAGAGTGGGTGGCAGTGA

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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_025138 unedited <pre> TTGTAACACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGGTCCAGCCAACAGAA GTGGTCAATATACTCAACTGTTTCACCTTCAGTAAAGACAACTAGTTGCTCTTGAAGT TTAGCCTCGAACATTATTGATGCACAGAATTCCTGTCCTATTGAAGATTTATTCAGGGTA AATATGTCTGAGAAGAACCGTGCAAGAGAATACTTGAACAGGCTTCAAGGGGGGCTGC AAAGCTCCTCATGCTATGATATCTTCTGTGGAACAATCCCAGGAAATCCATATCCCAAA GGAAGACCTAGCCGCATAAATGGAATTTTCCAGGAACTCCTTTGAAAAAAGATGGTGAA GAATGTACTAACGAAGGCAAGGAATAGCTGCACGAATTCCTGGGCCATCCAAACCACCT CCTTCAACATATAATCCACATAAACCTGTTCTTATCCGATACCTCCATGCCGACCACAT GCAACTATTGCACCAAGTGCTTATAACAATGCANGGTCTGGTACCATTAGCGAATGTCAT AGCTCCACCTCCACCTCCATATACTCCTAATCCTGTAGGAACAGAGAATGAAGACCTTTC GAATCCGTCAAAACCTATACAGAATCAAACATTTTCCACCCAGCAGTCAACTCTTTTC TCCCTCATGGGTCTAAATCCTTCAACACCTGCTGAAACTCCCTGTTCTAATGGTCCCC CAGTCAAGGCCAATTTAATCTTCCCTTAAGTTTAGCCGTTTGCCCGGGTTTTTTGGAAA AGGAACCGGGTGAACCGGCCCTCTCCCTGGGGCC </pre>
3' Read Nucleotide Sequence:	>OriGene 3' read for NM_025138 unedited <pre> CCGCGGCACGTTTCTAGTATCGAGTTTTTTTTTTTTTTTTTTTGGCATATCCATAGTTTAT TTTAAAAAAGTGGTAAAAAATAACCATAACAGGTTTATTAATACTTAAAAAGTTTGTTT CCTATGTTGAAGTAAAAACATTAGCAACATCTCCGGACACCATCTTTATAAAAGTAAA ACTTCTAGATCCTGAAATGTAAGTACAGTAGAGTCTATAGTTTACACTTTTATCACAGAT TGGAATTCATTCTCCTTACTCCCTACTTCCACATGTGGCAGTTATTACTTCAAAATTA ATGACATTCATCATGTTATACTACCACAGATCCTTAAATAGAGTACATACTGCATAATT ACTAACAGAGCCAGTCTTCTCTATTTGTTGTACATATTTTATATAAGCATTTGACTTAA AGTACAAATAGAAATACTACATCCCATAAATGTAACATTCACCAGGAGCTTCCATAGTA CAGTAAGTAACAGAGGTGGCCCAAGAGTCAGTCAAGTGTCTTCACTCACTGGTACTGC TGAGATTAGGAAAAGTGTGTTGAAGGCAAAATATCCTAAGTCTTACTTGTATTCTATAA GGATGCAGTCTGATATATACTTTCAGTTGAAAACACCTGAAAGTCATTCTATAGTCTA CATTAAGCACCCTTTCACTTACCTGAAATATTTTGAAGTAAATTCAGCAGTATGTACGG TTGTTAATATCAGAAATTAAGAATAACTGTGGGTCTCAAGTTCCTTTTGTNGATACATA CAGAGTACTGAGTTCCTGATGCCTATAGGAACCGCTCATGCATACCAAGGGTAGTAA CCTCCCCAGGCCACATGTCAACCCAGTCTGAAGCCCAACATTACTTTGCCAGNGGAGCT TACAAGCTATTTAGGCGTATTCGCTTAAAGAGTCACCTACTCTTAT </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_025138
Insert Size:	3900 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_025138.2, NP_079414.2</u>
RefSeq Size:	5185 bp
RefSeq ORF:	2433 bp
Locus ID:	80209
UniProt ID:	<u>Q86XN7</u>
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 (1) represents the longer transcript and encodes the longer isoform (1).