

Product datasheet for **SC101647**

Prostein (SLC45A3) (NM_033102) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Prostein (SLC45A3) (NM_033102) Human Untagged Clone
Tag:	Tag Free
Symbol:	Prostein
Synonyms:	IPCA-2; IPCA-6; IPCA-8; IPCA6; PCANAP2; PCANAP6; PCANAP8; PRST
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL6</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC101647 sequence for NM_033102 edited (data generated by NextGen Sequencing)

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ATGGTCCAGAGGCTGTGGGTGAGCCGCTGCTGCGGCACCGAAAGCCCAGCTCTTGCTG
GTCAACCTGTAACTTTGGCCTGGAGGTGTGTTTGGCCGAGGCATCACCTATGTGCCG
CCTCTGCTGTGGAAGTGGGGTAGAGGAGAAGTTCATGACCATGGTGTGGCATTGGT
CCAGTGTGGCCTGGTCTGTGTCCGCTCCTAGGCTCAGCCAGTGACCAGTGGCGTGGG
CGCTATGCCCGCCGCGCCCTTTCATCTGGGCACTGTCCTTGGGCATCCTGCTGAGCCTC
TTTCTCATCCCAAGGGCCGGCTGGCTAGCAGGGCTGCTGTGCCGGATCCAGGCCCTG
GAGCTGGCACTGCTCATCCTGGGCGTGGGGCTGCTGGACTTCTGTGGCCAGGTGTGCTTC
ACTCCACTGGAGGCCCTGCTCTGACCTTCCGGGACCCGGACCACTGTGCCAGGCC
TACTCTGTCTATGCCTTCATGATCAGTCTTGGGGCTGCCTGGGCTACCTCCTGCCTGCC
ATTGACTGGGACACCAGTGCCCTGGCCCCCTACCTGGGCACCCAGGAGGAGTGCCTTTT
GGCCTGCTCACCTCATTTCTCACCTGCGTAGCAGCCACACTGCTGGTGGCTGAGGAG
GCAGCGTGGGCCACCGAGCCAGCAGAAGGGCTGTCGGCCCCCTCCTGTGCCCCAC
TGCTGTCCATGCCGGGCCGCTTGGCTTCCGGAACCTGGGCGCCCTGCTTCCCCGGCTG
CACCAGCTGTGCTGCCGATGCCCCGCACCTGCGCCGGCTTTCGTGGCTGAGCTGTGC
AGCTGGATGGCACTCATGACCTTACGCTGTTTTACACGATTTTCGTGGGCGAGGGGCTG
TACCAGGGCGTGCCAGAGCTGAGCCGGGACCGAGGCCCGGAGACACTATGATGAAGGC
GTTCCGATGGGCAGCCTGGGGCTTTCCTGCAGTGCGCCATCTCCCTGGTCTTCTCTG
GTCATGGACCGGCTGGTGACGATTCCGGCACTCGAGCAGTCTATTTGGCCAGTGTGGCA
GCTTCCCTGTGGCTGCCGGTCCACATGCCTGTCCCACAGTGTGGCCGTGGTGCAGCT
TCAGCCGCCCTCACCGGTTTACCTTCTCAGCCCTGCAGATCCTGCCCTACACACTGGCC
TCCCTTACCACCGGGAGAAGCAGGTGTTCTGCCCAAATACCGAGGGGCACTGGAGGT
GCTAGCAGTGAGGACAGCCTGATGACCAGCTTCTGCCAGGCCCTAAGCCTGGAGCTCCC
TTCCTAATGGACACGTGGGTGCTGGAGCAGTGGCCTGCTCCCACCTCCACCCGCGCTC
TGCGGGCCCTCTGCCTGTGATGTCTCCGTACGTGTGGTGGTGGTGGAGCCACCGAGGCC
AGGGTGGTTCCGGGCCGGGCATCTGCCTGGACCTCGCCATCCTGGATAGTGCCTTCTG
CTGTCCCAGTGGCCCCATCCCTGTTTATGGGCTCCATTGTCCAGCTCAGCCAGTCTGTC
ACTGCCTATATGGTGTCTGCCGAGGCCTGGGTCTGGTCGCCATTTACTTTGCTACACAG
GTAGTATTTGACAAGAGCGACTTGGCCAAATACTCAGCGTAG
    
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Clone variation with respect to NM_033102.2

5' Read Nucleotide Sequence:

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>OriGene 5' read for NM_033102 unedited
TCCCCGCCCCGTTGNCGCAAAGGGCGGTAGGCGTGTACGGTGGGAGGTCTATATAAGCA
GAGCTCATTTAGGTGACACTATAGAATAACAAGCTACTTGTCTTTTTGCAGCGCCGCGT
GGCTCCGGGTGACAGCCGCGCCCTCGGCCAGGATCTGAGTGTGAGACGTGTCCCCTC
GAGGTGCCCCACAGCAGCAGGTGTTGAGCATGGGCTGAGAAGCTGGACCCGGCACC AAAG
GCTGGCAGAAATGGGCGCCTGGCTGATTCTAGGCAATTGGCGGCAGCAAGGAGGAGAGG
CCGAGCTTCTGGAGCAGAGCCGAGACGAAGCAGTTCTGGAGTGCCTGAACGGCCCCCTG
AGCCCTACCCGCTGGCCACTATGGTCCAGAGGCTGTGGGTGAGCCGCTGCTGCGGCA
CCGAAAGCCCAGCTCTTGTGGTCAACCTGCTAACCTTTGGCCTGGAGGTGTGTTTGGC
CGCAGGCATCACCTATGTCCGCTCTGCTGCTGGAAGTGGGGTAGAGGAGAAGTTCAT
GACCATGGTGTGGCATTGGTCCAGTGTGGCCTGGTCTGTGTCCGCTCCTAGGCTC
AGCCAGTGACCACTGGCGTGGACGCTATGGCCGCGCCGCCCCCTCATCTGGGCACTGTC
TTGGGCATCCTGCTGAGCCTTTTCTCATCCCAAGGGCCGGCTGGCTAGCAGGNCCTGCT
GTGCCCGGATCCCAGCCCTGGAGCTGGCACTGCTCATCCTGGCGTGNNGCTGTGGAC
TTCTGTGGCCAGTGTGCTTCACTCCACTGGAGCCCTGCTCTGACCTTCCGGGACCC
GNACACTGTGNCAGGCCTACTCTGTCTATGCCTTCATGATCAGTCTTGGGGGGCTGCTG
GGCTACTNCTGCCTGCCATGACTGGNACACCAGTGCCCTGGCCCCCTACTGGGCACCNA
GNNAGAGTGCCTCTT
    
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3' Read Nucleotide Sequence:	>OriGene 3' read for NM_033102 unedited AACGTCACACTAGTACGTTGCCGCACTCAATGATCAGTTTTTTTTTTTTTTTTTTTTTTA AACATATAAGAAAGCTTTAATTTTGTACCATAAACATTATACTCTGATTGCTCACTTAC AGTATAAAATATTCACCCCGCTAAATAAATAAGACGACATTATTGCAAACGGCACTTAA CCCCCTGAGAGATAAGACCTCCCTTAGCTCAGGCAGGGGGTGCCTGAGTTTCTGTGT GAGATTCCTCAAGCACAGATATACTCTGGGGCTGAGATGGACAAAGCTTGGGAAACCG CACTTTGTGCTTCTGGTCTGCAGTAGCTCCAAACAGGGTTGTGGAGCTGGTGGGAAAG TTGGGGGTATGGGAAAGTTGGGGTNNGGGAAATTTTGGGCNGTGCCTTNNTCNGCCCN TTCTTGNGTGTGTGGTGGGNGTGGNCGTGGCGTGGCCNTGCTCGCCGCTTGCCGGG CTTGGTTTGGGGTTCCTTTTTCTCCCCGTTGCCCTTCCGTGGCGGTCCGCTTGTCCCTC CCCTCTTCTTCCGTCCGGGCTTCTTCTGTGGCCTGCGCCCTGCTTCCCGGGTTCCTGCC CCGGCCCTGGGTGCCCCGGCGCTGGGGTCCCCTCTCGTTGTTTGGCCGCTTCTCTCT GGGGGTCTCTCGCCGGTGCCTTGGGGTGGGGCTTCCCCTCCCAGGGGTTTCGTGT TCCCCTGTNTCTCCCCTCGTTGGTTCTCCCCTTCGGTTGTGCTTGGCGGTGCCCTCTCT TTTTCTGTCTGTTCTCCCGGGCGCTTTCGTTCTTCTCTCCGCCCTCGCGGCTCC TTTTGCTGCCA
Restriction Sites:	NotI-NotI
ACCN:	NM_033102
Insert Size:	3400 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:	<ol style="list-style-type: none"> 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_033102.1</u> , <u>NP_149093.1</u>
RefSeq Size:	3410 bp
RefSeq ORF:	1662 bp
Locus ID:	85414
UniProt ID:	<u>Q96JT2</u>
Cytogenetics:	1q32.1
Protein Families:	Transmembrane