

Product datasheet for SC306930

PRTG (NM_173814) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PRTG (NM_173814) Human Untagged Clone
Tag:	Tag Free
Symbol:	PRTG
Synonyms:	IGDCC5
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_173814 edited
 ATGGCGCCTCCTCTGCGACCCCTCGCCCGGCTGCGACCGCCGGGATGCTGCTCCGCGCG
 CTCTGCTCCTGCTGCTGCTCAGTCTTTGCCAGGAGTGTGGTCTTTAGCGAAGTGTCT
 TTTGTAAGAAGAACACAGGATGTAAGTGTCAACAAGAAAGACCCAGTCGTTTTAGATTGC
 CAGGCTCACGGAGAAGTTCCTATTAAGGTACATGGTTGAAAAATGGAGCAAAAATGTCT
 GAAAAAACAACGGATCGAGGTTCTTTCTAACGGCTCTTTATACATCAGTGAGGTGGAAGGC
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 CCAATTTCCACTGAGGTCCACGAAGGTGGAGTTGCTCGATTTGCATGCAAGATTTATCC
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 ACTCGGTAAGTGGAAATGGTAATCTCATGATATCTGATGTCAGGCTACAACATGCTGGA
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 GATGACTTAGAGCCTGCCAGCAATTATACTTTCTACATTGTAGCATATATGCCAATGGGA
 GCCAGCCAGATGTCTGACCATGTGACACAGAATACTCTAGAGGATGTTCCCTGAGACCT



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CCTGAAATTAGTTTGACAAGTCGAAGTCCCACTGATATTCTCATCTCCTGGCTGCCAATC
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CATGAGACTGGGATTCTGGGCGTTTTTCTCATGAGTCCAACGATGAGATACATCTGTCC
TCAGTTATAAGTACCACACCCCAACCTCTGA
    
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- Restriction Sites:** Please inquire
- ACCN:** NM_173814
- Insert Size:** 3500 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).
- OTI Annotation:** The ORF of this clone is found to be a perfect match to NM_173814.3.
- 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_173814.3](#), [NP_776175.2](#)

RefSeq Size: 4115 bp

RefSeq ORF: 3453 bp

Locus ID: 283659

UniProt ID: [Q2VWP7](#)

Cytogenetics: 15q21.3

Protein Families: Transmembrane

Gene Summary: This gene encodes a member of the immunoglobulin superfamily. The encoded transmembrane protein has been associated with the development of various tissues, especially neurogenesis. It has been suggested that this gene may be associated with attention deficit hyperactivity disorder (ADHD). [provided by RefSeq, Nov 2014]