

Product datasheet for **RG211595**

PRTG (NM_173814) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PRTG (NM_173814) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	PRTG
Synonyms:	IGDCC5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG211595 representing NM_173814 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGCCTCCTCTGCGACCCCTCGCCCGGCTGCGACCGCCGGGATGCTGCTCCGCGCCTCCTGCTCC
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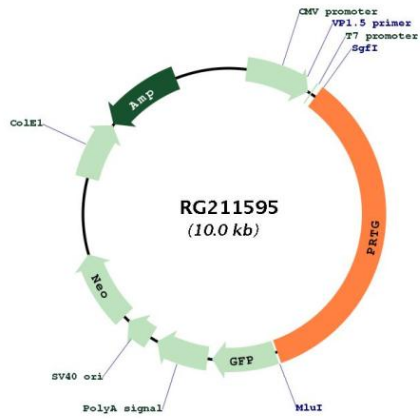
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GACAACCAGCTTCTCAAGACCCTTTGGTGTGAGCTGATACAGAACATTCAGCAAATAGTGAAGGCAGC
CATGAGACTGGGATTCTGGGCGTTTTTCTCATGAGTCCAACGATGAGATACATCTGTCCTCAGTTATAA
GTACCACACCCCAACCTC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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:	NM_173814.6
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]

Product images:



Circular map for RG211595