

Product datasheet for **RG227883**

PPIAL4A (NM_001143883) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: PPIAL4A (NM_001143883) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: PPIAL4A
Synonyms: COAS-2; COAS2; PPIAL4; PPIAL4B
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG227883 representing NM_001143883
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGTCAACTCCGTCGTCTTTTTGACATCACCGTCGACGGCAAGCCCTTGGGCCGATCTCCATCAAAC
 TGTTTGCAGACAAGATTCTAAAGACAGCGGAAACTTTCGTGCTCTGAGACTGGAGAGAAAGGATTTTCG
 TTATAAGGGTTCCTGCTTTCACAGAATTATCCAGGGTTATGTGTCAGGGTGGTACTTACACGCCAT
 AATGGCACTGGTACAAGTCCATCTATGGGGAGAAATTTGATGATGAGAACCTCATCCGAAAGCATAACG
 GTTCTGGCATCTTGCCATGGCAAATGCTGGACCAACACAAATGGTCCAGTTTTTCATCTGTGCTGC
 CAAGACTGAGTGGTTGGATGGCAAGCATGTGGCCTTTGGCAAGGTGAAAGAACGTGTGAATATTGTGGAA
 GCCATGGAGCACTTTGGGTACAGGAATAGCAAGACCAGCAAGAAGATCACCATTGCTGACTGTGGACAAT
 TC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG227883 representing NM_001143883
 Red=Cloning site Green=Tags(s)

MVNSVVFDDITVDGKPLGRISIKLFADKILKTAENFRALSTGEKGFYKGSFCFHRIIPGFMCQGGDFTRH
 NGTGDKSIYGEKFDENLIRKHTGSGILSMANAGPNTNGSQFFICAAKTEWLDGKHVAFGKVKERVNIVE
 AMEHFGYRNSKTSKKITIAIDCGQF

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-MluI



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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_001143883.3</u>
RefSeq Size:	3854 bp
RefSeq ORF:	495 bp
Locus ID:	653505
UniProt ID:	<u>Q9Y536</u>
Cytogenetics:	1p11.2
Gene Summary:	PPIases accelerate the folding of proteins. It catalyzes the cis-trans isomerization of proline imidic peptide bonds in oligopeptides (By similarity).[UniProtKB/Swiss-Prot Function]