

Product datasheet for **RG232361**

PAAF1 (NM_001267806) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PAAF1 (NM_001267806) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	PAAF1
Synonyms:	PAAF; Rpn14; WDR71
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG232361 representing NM_001267806 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAAAATCTGGCAGGCTTCCAATGGAGAACTCAGGAGAGTATTGGAAGGACATGTGTTTGATGTGAATT
GTTGCAGGTTTTCCCATCAGGCCTTGTGGTCTGAGTGGGGGAATGGATGCCAGCTGAAGATATGGTC
AGCTGAAGATGCTAGCTGCGTGGTGACCTCAAAGGTCACAAAGGAGGTATCCTGGATACAGCCATCGTT
GATCGGGGAGGAATGTGGTGTCTGCTTCTCGAGATGGGACAGCAGACTTTGGGATTGTGGCGCTCAG
CCTGCTTGGGAGTCTTGCAGATTGTGGTCTTCTATCAATGGAGTGGCGTGGGTGCTGCTGACAACCTC
CATAAACCTTGGCTCCCTGAGCAGATGCCAGTGAACGGGAGGTTGGAACAGAGGCCAAAATGCTGCTC
TTGGCCCGGGAAGATAAGAACTTCAGTCTTGGGACTACAGAGCAGGCAGCTGGTGTCTCTTTATTG
GCTCAGACGCTTCAACTGCTGTACTTTTCTCTCTGGCTTCTTGCTATTGGCTGGGACTCAAGATGGAAA
CATTTATCAGCTGGATGTGAGGAGTCCAAGGCTCCGGTACAAGTCATCCACAGATCAGGAGCACCAGTT
CTATCCCTGCTAAGTGTGAGAGATGGATTATTGCTAGCCAAGGTGATGGAAGCTGTTTTATTGTCCAGC
AAGACTTAGACTATGCTACTGAGCTCACTGGGGCTGACTGTGACCCTGTGTACAAGTAGCCACATGGGA
GAAGCAGATCTACATGCTGTGAGACGGTCTTGTACGACGCTACCAGCTTTCTGACCTC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >RG232361 representing NM_001267806
Red=Cloning site Green=Tags(s)

MKIWQASNGELRRVLEGHVFDVNCCRFPPSGLVVLSSGMDAQLKIWSAEDASCVVTFKGHKGGILDTAIV
 DRGRNVVSASRDGTARLWDCGRSACLGLVADCGSSINGVAVGAADNSINLGSPEQMPSEREVGTAKMLL
 LAREDKKLQCLGLQSRQLVFLFIGSDAFNCCTFLSGFLLLAGTQDGNIIYQLDVRSPPRVPVQVIHRSGAPV
 LSLLSVRDGFIA SQDGDSCFIVQQDLDYVELTGADCDPVYKVATWEKQIYTCCRDLVRRYQLSDL

TRTRPLE - GFP Tag - V

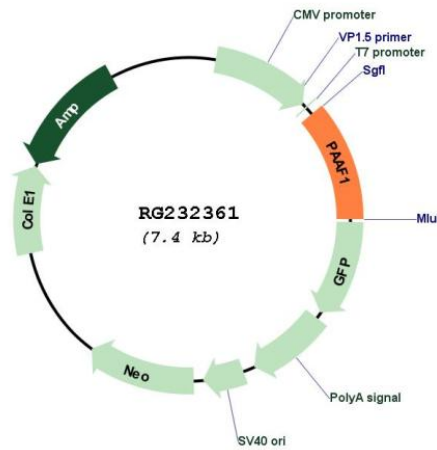
Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shutting:



Plasmid Map:



ACCN: NM_001267806

ORF Size: 831 bp

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_001267806.1 , NP_001254735.1
RefSeq Size:	1569 bp
RefSeq ORF:	834 bp
Locus ID:	80227
UniProt ID:	Q9BRP4
Cytogenetics:	11q13.4
Gene Summary:	This gene encodes a WD repeat-containing protein involved in regulation of association of proteasome components. During HIV infection, the encoded protein is thought to promote provirus transcription through recruitment of the 19S regulatory complex. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Jun 2012]