

Product datasheet for **RG228306**

UBAPIL (NM_001163692) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	TurboGFP
Symbol:	UBAPIL
Synonyms:	UBAP-1L
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)

ORF Nucleotide Sequence: >RG228306 representing NM_001163692
Red=Cloning site Blue=ORF Green=Tags(s)

TTTGTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGAATGCCCTCGATGGTGTTCCTTTCAAGTTGCCAAGGGCTTTGTGATAGGCACAGAGCCTCTCCCTG
GGCCAGAACTCAGCGTCCCGGCTGCGGGGAAGTTCTGCTGGGTTCTATGCACGACTTCAGCCTGGAGAG
GACGGCACTCTTCTGGTGGAGGCCCGGCCAGGGACCCAGCCCGTACCAGTGCAGTACCCGGGGACA
GCGTCAGCCCTCCAGCCTGGCTCTTGCTAGTCAGCCCGAACATGGGCTGGCGCTGCGCCACCACAA
TCAGAGACCCGGAGGCCGACACCAGGAGAGGCCGGAGGAGGGTGAGGACGAGGCAGAAGCCTCCTC
TGGCAGCGAGGAAGAGCCGGCCCCAGCAGCCTCCAACCGGGCTCCCGCGAGCCCGGCCCGGCCGT
CGCCTGTGCTCGCTGGACGTGCTACGCGCGTGCAGTGGAGCTGGCAGGGCGCGCGCGGCTCTCCG
AGGGGAAGCTGGTCTCCCGCCCCGCGCCTCTGCATGGCCTCCGCGGCCACCGCGCTGAGCCTGTG
CCCGAGCCCTGCGCAGTCCCCAGGTCTGCATACCCCGGGGCCCGCGCCAGCACCCCGCCGCCCC
GCGTCGCCCCCGCGGCCCTCCAGGCAGGCGCCATCCCCCGCTGCGGAGCCACAAGCCTACGGTGCAGT
CCCTCAGCCCGTACACCTGTCTGCCACCTCTGGGGGGCACCCCAACCTCTCAACCCCAACAAGTCACA
CCCTGATACTGGGCTGACCTGCTGTCCGCCCTGAGCCAGGAGGAGCAAGACCTCATTGGGCCAGTGGT
GCCCTGGGATATCCCTGCGAAGGGCCATCATAGCTCTGCAGAAAGACAGGAGGAGCAGCCTGAGCCAGT
TTCTCAGCTACCTCAGTGCCTGTGACCGCCTGTACGTGAGGATATGAGGAAGGCCTGGTGGATGAGGC
CATGGAGATGTTCCAGTCTCCGAGAGCCAGGCAGGGAGTTCTGCGCCTCTGGGAGCAGTTCACTGAC
ATGGGCTTCCAGCAGGACCGGATCAAGGAGGTGCTGCTGGTCCATGGCAACCGCCGAGCAAGCCCTGG
AGGAGCTGGTGGCCTGTGCCAG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTAA



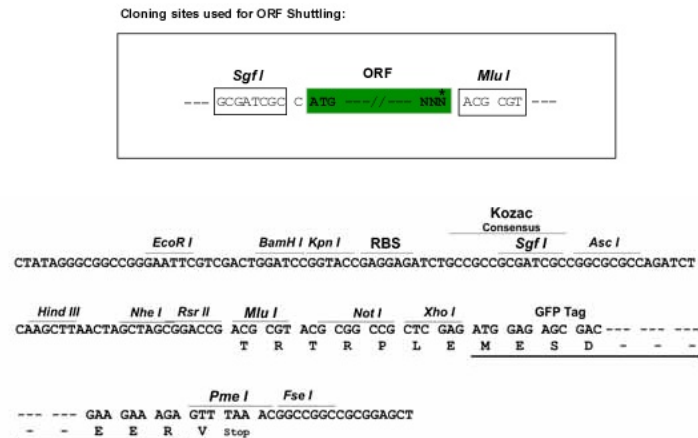
Protein Sequence: >RG228306 representing NM_001163692
 Red=Cloning site Green=Tags(s)

MNALDGVPFKLPKGFVIGTEPLPGPELSVPACGEVLLGSMHDFSLERTALFWVEAAGQGSPSPYQCGLDPT
 ASAPPAWLLLVSPHGLAPPTTIRDPEAGHQRPEEEGEDEAEASSGSEEPAPSSLQPGSPASPGPGR
 RLCSLDVLRGVRLELAGARRRLSEGKLVSRRPRALLHGLRGHRALSLCPSPAQSPRSASPPGPAPQHPAAP
 ASPPRPSTAGAIPLRSHKPTVASLSPYTCLPPLGGAPQPLNPHKSHPDAAADLLSALSQEEQDLIGPVV
 ALGYPLRRAIIALQKTGRQSLSQFLSYLSACDRLLRQGYEEGLVDEAMEMFQFSESQAGEFLRLWEQFSD
 MGFQQDRIKEVLLVHGNRREQALEELVACAQ

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001163692

ORF Size: 1143 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:

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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_001163692.2](#)

RefSeq Size: 1399 bp

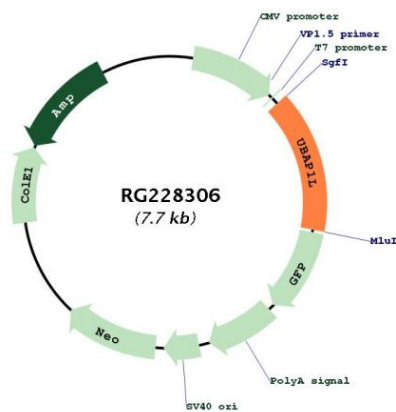
RefSeq ORF: 1146 bp

Locus ID: 390595

UniProt ID: [F5GYI3](#)

Cytogenetics: 15q22.31

Product images:



Circular map for RG228306