

## Product datasheet for **RG236498**

### ANKRD42 (NM\_001300977) Human Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** ANKRD42 (NM\_001300977) Human Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** ANKRD42  
**Synonyms:** PPP1R79; SARP  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >RG236498 representing NM\_001300977.  
Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGCCCGGGTGGCCAATTCAGGCCCTCCACTTCCTCTAGGGAGACTGCAAACCCCTGTTCCAGGAAG
AAGGTGCATTTTGGCAGCATACATGATGCAGTACGAGCTGGAGATGTAAGCAGCTTTCAGAAATAGTG
GTACGTGGAGCCAGCATTAACTGAAGTGTCTCCATAAGTTTACCCCTTACATTGGGCAGCACAT
TCTGGAAGTTTGGAGTGTCTTATTGGCTGCTCTGGCATGGAGCTGATATCACACACGTAACAACGAGA
GGTTGGACAGCATCTCACATAGCTGCAATCAGGGGTGAGGATGCTTGTGTACAGGCTCTTATAATGAAT
GGAGCAAATCTGACAGCCAGGATGACCGGGATGCACTCCTTTACATCTTGCTGCAACTCATGGACAT
TCTTTCACTTTACAAATAATGCTCCGAAGTGGAGTGGATCCCAGTGTGACTGATAAGAGAGAATGGAGA
CCTGTGCATTATGCAGCTTTTCATGGGGCGCTTGCTGCTTGAACCTTCTTGTTAAATGGGGTTGTAGC
ATAGAAGATGTGGACTACAATGGAACCTTCCAGAACCTCCT
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```

**Protein Sequence:** >Peptide sequence encoded by RG236498  
Blue=ORF Red=Cloning site Green=Tag(s)

```
MPGVANSGPSTSSRETANPCSRKKVHFGSIHDAVRAGDVKQLSEIVVRGASINELDVLHKFTPLHWAH
SGSLECLHWLLWHGADITHVTRRGWTASHIAAIRGQDACVQALIMNGANLTAQDDRGCTPLHLAATHGH
SFTLQIMLRSGVDPSTDKREWPRVHYAAFHGRLGCLQLLVKWCESI EDVDYNGNLPEPP
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
MGYGFYHFGTYPSGYENPFLHA INNGYTNRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
SVIFTDKIIRSNATVEHLHPMGDNDLDGSFTRTFLSRDGGYSSVVD SHMHFKSAIHPSILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERY
```

**Restriction Sites:** SgfI-MluI



**Cloning Scheme:**


**ACCN:** NM\_001300977

**ORF Size:** 594 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).

**RefSeq:** [NM\\_001300977.2](#)

**RefSeq Size:** 4084 bp

**RefSeq ORF:** 597 bp

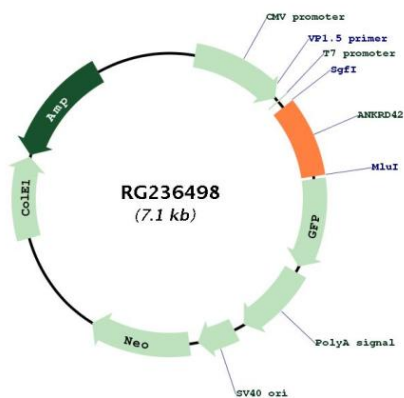
**Locus ID:** 338699

**UniProt ID:** [Q8N9B4](#)

**Cytogenetics:** 11q14.1

**MW:** 22 kDa

## Product images:



Circular map for RG236498