

Product datasheet for **RG236240**

ZA20D3 (ZFAND6) (NM_001242918) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: ZA20D3 (ZFAND6) (NM_001242918) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: ZA20D3
Synonyms: AWP1; ZA20D3; ZFAND5B
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG236240 representing NM_001242918.
Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCTCAAGAACTAATCACAGCCAAGTGCCTATGCTTTGTTCCACTGGCTGTGGATTTTATGGAAC
CCTCGTACAAATGGCATGTGTTCAAGTATGCTATAAAGAATCTTCAAAGACAGAATAGTAGTAATGGT
AGAATAAGCCACCTGCAACCTCTGTCAAGTCTGTCTGAATCTTACCAGTTCATGCACAGATGGC
AGTGTGCCAGAAGCCAGTCAGCATTAGACTCTACATCTCATCTATGCAGCCAGCCCTGTATCAAAT
CAGTCACTTTTATCAGAATCTGTAGCATCTTCAATTGGACAGTACATCTGTGGACAAAGCAGTACCT
GAAACAGAAGATGTGCAGGGTTTGAATGCCGGTGTGAAATGTTTACTGTGGTGTACACCGTTACTCA
GATGTACACAATTGCTCTTACAATTACAAGCCGATGCTGCTGAGAAAATCAGAAAAGAAAATCCAGTA
GTTGTTGGTGAAAAGATCCAAAAGATT
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```

Protein Sequence: >Peptide sequence encoded by RG236240
Blue=ORF Red=Cloning site Green=Tag(s)

```
MAQETNHSQVPMLCSTGCGFYGNPRTNGMCSVCYKEHLQRQNSSNGRISPPATSVSSLSESLPVQCTDG
SVPEAQSALDSTSSMQSPVSNQSLLESVASSQLDSTSVDKAVPETEDVQGFECRCGNVYCGVHRY
DVHNCYNYKADAAEKIRKENPVVVGEKIQKI
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
MGYGFYHFGTYPSGYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
SVIFTDKIIRSNATVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSSHMFKSAIHPSILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV
```

Restriction Sites: Sgfl-MluI



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Cloning Scheme:


ACCN: NM_001242918

ORF Size: 510 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_001242918.1](#), [NP_001229847.1](#)

RefSeq Size: 1550 bp

RefSeq ORF: 513 bp

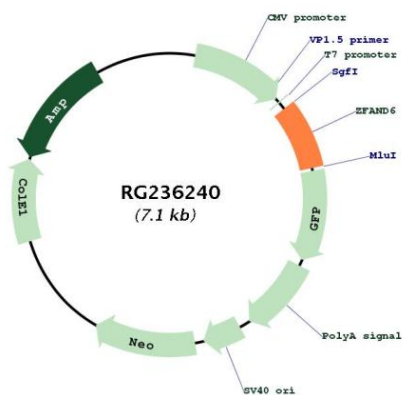
Locus ID: 54469

Cytogenetics: 15q25.1

MW: 18.7 kDa

Gene Summary: Involved in regulation of TNF-alpha induced NF-kappa-B activation and apoptosis. Involved in modulation of 'Lys-48'-linked polyubiquitination status of TRAF2 and decreases association of TRAF2 with RIPK1. Required for PTS1 target sequence-dependent protein import into peroxisomes and PEX5 stability; may cooperate with PEX6. In vitro involved in PEX5 export from the cytosol to peroxisomes (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG236240