

Product datasheet for **RG239972**

UBN1 (NM_001288656) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	UBN1 (NM_001288656) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	UBN1
Synonyms:	VT; VT4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG239972 representing NM_001288656. Blue=ORF Red=Cloning site Green=Tag(s)

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ATGGGACCTCGGAAGAAGTTCCAATGGAATGATGAGATCAGGGAGCTACTGTGCCAGGTGGTGAAGATC
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 ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTAAAC

Protein Sequence:

>Peptide sequence encoded by RG239972
 Blue=ORF Red=Cloning site Green=Tag(s)

MSEPHRVQFTSLPGSLNPAFLKSRKEEAGAGEQHQDCEPAAAAVRITLTLFEPDHRKRCPEFFYPPELVK
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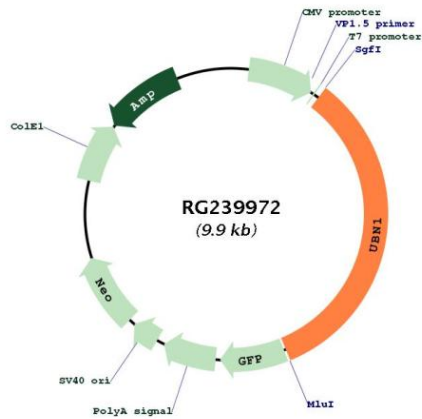
Restriction Sites:

Sgfl-MluI

Cloning Scheme:


- ACCN:** NM_001288656
- ORF Size:** 3312 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_001288656.1](#), [NP_001275585.1](#)
- RefSeq Size:** 5652 bp
- RefSeq ORF:** 3315 bp
- Locus ID:** 29855
- UniProt ID:** [Q9NPG3](#)
- Cytogenetics:** 16p13.3
- MW:** 119 kDa
- Gene Summary:** Cellular senescence is a hallmark of tumor suppression and tissue aging. Senescent cells contain domains of heterochromatin, called senescence-associated heterochromatin foci (SAHF), that repress proliferation-promoting genes. The protein encoded by this gene binds to proliferation-promoting genes and is required for SAHF formation, enhancing methylation of histone H3. [provided by RefSeq, Oct 2016]

Product images:



Circular map for RG239972