

Product datasheet for **RG240121**

USP47 (NM_001282659) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	USP47 (NM_001282659) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	USP47
Synonyms:	TRFP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG240121 representing NM_001282659. Blue=ORF Red=Cloning site Green=Tag(s)

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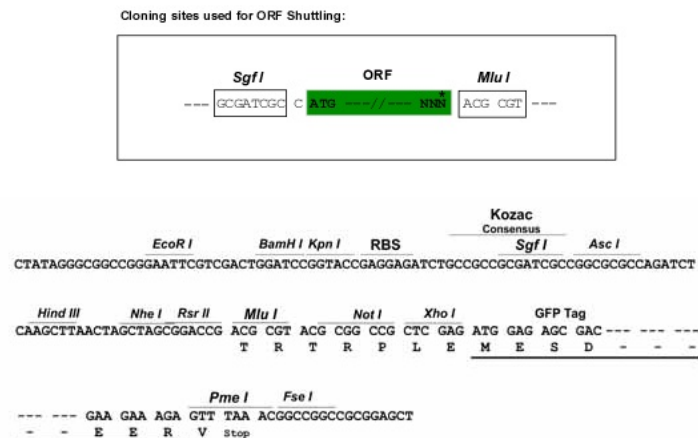
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 ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAAAC

Protein Sequence: >Peptide sequence encoded by RG240121
 Blue=ORF Red=Cloning site Green=Tag(s)

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Restriction Sites: SgfI-MluI

Cloning Scheme:

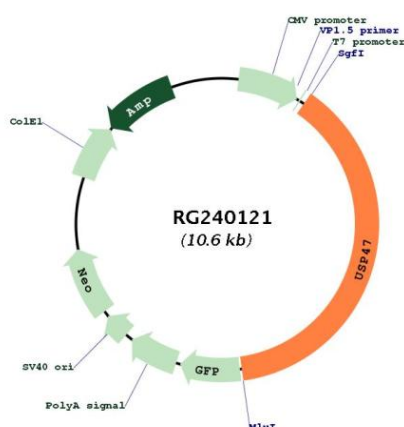


ACCN: NM_001282659

ORF Size: 4124 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).
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_001282659.2
RefSeq Size:	7990 bp
RefSeq ORF:	4068 bp
Locus ID:	55031
UniProt ID:	Q96K76
Cytogenetics:	11p15.3
MW:	155.1 kDa
Gene Summary:	Ubiquitin-specific protease that specifically deubiquitinates monoubiquitinated DNA polymerase beta (POLB), stabilizing POLB thereby playing a role in base-excision repair (BER). Acts as a regulator of cell growth and genome integrity. May also indirectly regulate CDC25A expression at a transcriptional level.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG240121