

Product datasheet for **RG239986**

USP25 (NM_001283041) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	USP25 (NM_001283041) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	USP25
Synonyms:	USP21
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG239986 representing NM_001283041. Blue=ORF Red=Cloning site Green=Tag(s)

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Protein Sequence:

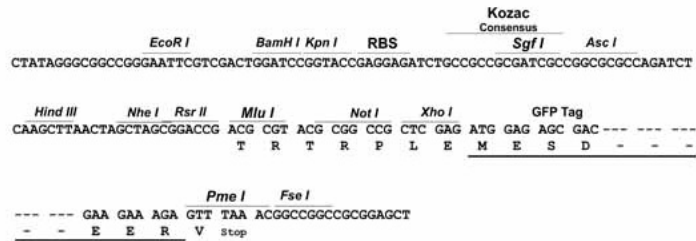
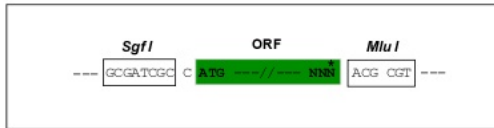
>Peptide sequence encoded by RG239986
 Blue=ORF Red=Cloning site Green=Tag(s)

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Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:

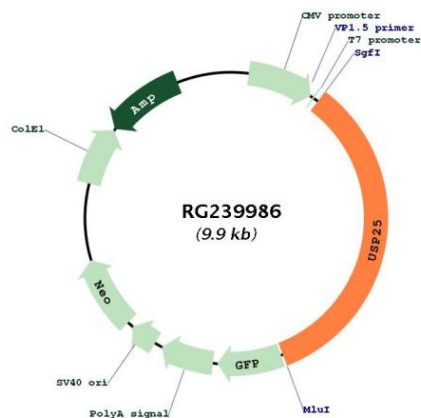


ACCN: NM_001283041

ORF Size: 3375 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_001283041.2
RefSeq Size:	5359 bp
RefSeq ORF:	3378 bp
Locus ID:	29761
UniProt ID:	Q9UHP3
Cytogenetics:	21q21.1
Protein Families:	Protease
MW:	130.4 kDa
Gene Summary:	Ubiquitin (MIM 191339) is a highly conserved 76-amino acid protein involved in regulation of intracellular protein breakdown, cell cycle regulation, and stress response. Ubiquitin is released from degraded proteins by disassembly of the polyubiquitin chains, which is mediated by ubiquitin-specific proteases (USPs), such as USP25 (Valero et al., 1999 [PubMed 10644437]).[supplied by OMIM, Mar 2008]

Product images:



Circular map for RG239986