

Product datasheet for **RG208974**

USP38 (NM_032557) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	USP38 (NM_032557) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	USP38
Synonyms:	HP43.8KD
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG208974 representing NM_032557 Red=Cloning site Blue=ORF Green=Tags(s)

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GCC**CGATCGCC**

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GCTCATCTGGAGGGCCAGGACCCTTCCAGCGGCAGGTGGGGCACCAGGTGCTGGAGGCCACGCACGA
TACCACCGGCCAGAGTTCGAGTCTTCTCAACAAGACCTTCGTGTTGGGCCTCCTTCATCAGGGCTACC
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ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>RG208974 representing NM_032557
 Red=Cloning site Green=Tags(s)

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MDKILEGLVSSSHPLPLKRVIVRVVESAHLDEAQCEAMFDLTTRLILEGQDPFQRQVGHQVLEAYAR
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PQLCARLSDLLTDFVQCIPKGLSITFCQQLVRTIGHFQCVSTQERELREYVSQVTKVSNLLQNIWKAEP
ATLLPSLQEVFASISSTDAFEPVALASLVQHIPLQMITVLIRSLTDPNVKDASMTQALCRMIDWLSW
PLAQHVDTWVIALKGLAAVQKFTILIDVTLKIELVFNRLWFPLVRPGALAVLSHMLLSFQHSPEAFHL
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TRTRPLE - GFP Tag - V

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_032557

ORF Size: 3126 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).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

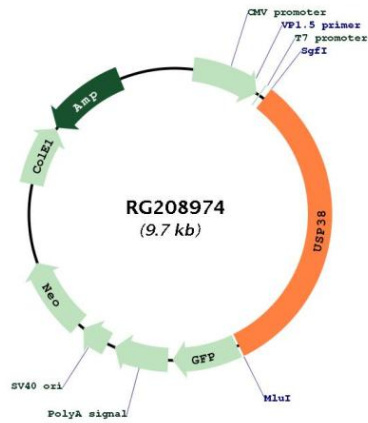
RefSeq: [NM_032557.4](#), [NP_115946.2](#)

RefSeq Size: 4684 bp

RefSeq ORF: 3129 bp

Locus ID: 84640
UniProt ID: [Q8NB14](#)
Cytogenetics: 4q31.21
Domains: UCH
Protein Families: Druggable Genome, Protease
Gene Summary: Deubiquitinating enzyme exhibiting a preference towards 'Lys-63'-linked ubiquitin chains. [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG208974