

Product datasheet for RC217405

USP42 (NM_032172) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	USP42 (NM_032172) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	USP42
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC217405 representing NM_032172 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCCGATCGCC

ATGACCATAGTTGACAAAGCTTCTGAATCTTCAGACCCATCAGCCTATCAGAATCAGCCTGGCAGCTCCG
AGGCAGTCTCACCTGGAGACATGGATGCAGGTTCTGCCAGCTGGGGTCTGTGTCTTCATTGAATGATGT
GTCAAATCACACTTTCTTTAGGACCAGTACCTGGTGTGTAGTTTATTCGAGTTCATCTGTACCTGAT
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CCCAGGCACTCAGTAATCCTGGGACGTTATTAACCAATGTTTGTATCAATGAGATGCGGCGTATAGC
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TCAACCTAACCTTCATAGTAATTCTTTGGAGAACCCTACCAAGCCGTTCCCTCTTCTACCATTACCAAT
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CTCTGGAAGCGTCCGACCTTCCGTGAGAAAACGAAACACTTACGGATGGAAAGCAGGGATGACAGGTG
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ACAAGGATGACGACGATAAGGTTAA

Protein Sequence: >RC217405 representing NM_032172
 Red=Cloning site Green=Tags(s)

MTIVDKASESSDPSAYQNQPGSSEAVSPGDMDAGSASWGAVSSLNDVSNHTLSLGPVPGAVVYSSSSVPD
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 PDRPRWDRCRYHRYALYAARDWKPFFHGGREHERAGLHERPHKDHNRGRRGCEPARERERHRPSSPRAG
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Restriction Sites:

SgfI-MluI

Cloning Scheme:

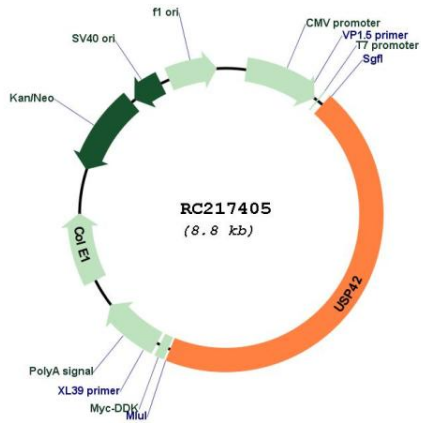


ACCN: NM_032172

ORF Size: 3948 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:	<ol style="list-style-type: none"> 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_032172.3
RefSeq Size:	5109 bp
RefSeq ORF:	3951 bp
Locus ID:	84132
UniProt ID:	Q9H9J4
Cytogenetics:	7p22.1
Protein Families:	Druggable Genome, Protease
MW:	144.2 kDa
Gene Summary:	Deubiquitinating enzyme which may play an important role during spermatogenesis. [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC217405