

Product datasheet for **SC336888**

USP38 (NM_001290326) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	USP38 (NM_001290326) Human Untagged Clone
Tag:	Tag Free
Symbol:	USP38
Synonyms:	HP43.8KD
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >SC336888 representing NM_001290326.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGAACAGTGTATACAAGCCTTGTTTATGGCCACAGATTTCAGGAGACAAGTATTATCTTTAAATCTA
AATGGGTGCAATTCATTAATGAAAAATTACAGCATCTTTTGCCTTTCTGGCCATACACAGAGGGAA
GCATACGCACCTCGGATATTCTTTGAGGCTTCCAGACCTCCATGGTTTACTCCCAGATCACAGCAAGAC
TGTTCTGAATACCTCAGATTTCTCCTTGACAGGCTCCATGAAGAAGAAAAGATCTTGAAAGTTCAGGCC
TCACACAAGCCTTCTGAAATTCTGGAATGCAGTGAAACTTCTTTACAGGAAGTAGCTAGTAAAGCAGCA
GTACTAACAGAGACCCCTCGTACAAGTGACGGTGAGAAGACTTTAATAGAAAAATGTTTGGAGGAAAA
CTACGAACTCACATACGTTGTTTGAAGTGCAGGAGTACCTCACAAAAAGTGAAGCCTTTACAGATCTT
TCGCTTGCCTTTTGCCTTCTCTTCTTTGGAAAAATGTCTGTCCAAGATCCAGCATCATACCCAGT
ATACAAGATGGTGTCTAATGCAAGCCTCTGTACCCGGTCTTCCAGAAGAACCAGTAGTTTATAATCCA
ACAACAGCTGCCTTCATCTGTGACTCACTTGTGAATGAAAAACCATAGGCAGTCTCTAATGAGTTT
TACTGTTCTGAAAACACTTCTGTCCCTAACGAATCTAACAGATTCTTGTTAATAAAGATGTACCTCAG
AAACCAGGAGGTGAAACACACCTTCAGTAACTGACTTACTAAATTATTTTTGGCTCCAGAGATTCTT
ACTGGTGATAACCAATATTATTGTGAAAAGTGCCTCTCTGCAAAATGCTGAGAAAATATGCAATC
ACGGAGGAACCTGAATACCTTATTCTTACTCTCCTGAGATTTTCATATGATCAGAAGTATCATGTGAGA
AGGAAAATTTTAGACAATGTATCACTGCCACTGGTTTTGGAGTTGCCAGTTAAAAGAATTACTTCTTTC
TCTTCATTGTGAGAAAGTTGGTCTGTAGATGTTGACTTCACTGATCTTAGTGAGAACCTTGCTAAAAA
TTAAAGCCTTCAGGACTGATGAAGCTTCTGCACAAAATGGTGCCTATCTATTAAGTCCGTTGTG
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TCTTCATATCAGATGTACCACAGTCTGAGGCTCTGGCATTAGCATCCTCCAGAGTCATTTACTAGGG
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TTAATGACAGTAGAGTGACATTTACTTCATTTCACTCAGTCCAGAAAATTACGAGCAGGTTTCCAAAG
GACACAGCTTATGTGCTTTTGTATAAAAAACAGCATAGTACTAATGGTTTAAAGTGGTAATAACCCAACC
AGTGGACTCTGGATAAATGGAGACCCACCTCTACAGAAAGAACTTATGGATGCTATAACAAAAGACAAT
AAACTATATTTACAGGAACAAGAGTTGAATGCTCGAGCCCGGCCCTCCAAGCTGCATCTGCTTCATGT
TCATTTCGGCCAATGGATTTGATGACAACGACCCACCAGGAAGCTGTGGACCAACTGGTGGAGGGGT
GGAGGAGGATTTAATACAGTTGGCAGACTCGTATTTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
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Restriction Sites: SgfI-MluI

ACCN: NM_001290326

Insert Size: 1764 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

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_001290326.1
RefSeq Size:	7197 bp
RefSeq ORF:	1764 bp
Locus ID:	84640
UniProt ID:	Q8NB14
Cytogenetics:	4q31.21
Protein Families:	Druggable Genome, Protease
MW:	65.2 kDa
Gene Summary:	<p>Deubiquitinating enzyme exhibiting a preference towards 'Lys-63'-linked ubiquitin chains. [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (3) differs in the 5' UTR and the 5' coding region and initiates translation at a downstream start codon, compared to variant 1. It encodes isoform 3, which is shorter at the N-terminus, compared to isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>