

Product datasheet for **SC335257**

Uridine Phosphorylase 1 (UPP1) (NM_001287426) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Uridine Phosphorylase 1 (UPP1) (NM_001287426) Human Untagged Clone
Tag: Tag Free
Symbol: UPP1
Synonyms: UDRPASE; UP; UPASE; UPP
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC335257 representing NM_001287426.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

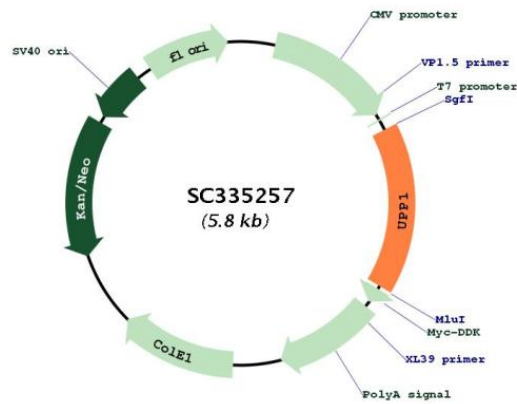
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ATGGCGGCCACGGGAGCCAATGCAGAGAAAGCTGAAAGTCACAATGATTGCCCCGTGAGACTTTTAAAT
CCAAACATAGCAAAAATGAAAGAAGATATTCTCTATCATTTCAATCTCACCCTAGCAGACACAATTTCC
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AGGTGCGTTGGTGCAGAGCTGGGCCTTGACTGCCAGGTAGAGACTATCCAACATCTGTGCGGGAAGT
GACCGCTATGCCATGTATAAAGTAGGACCGGTGCTGTCTGTGTCAGTCATGGTATGGGCATTCTTCTATC
TCAATCATGTTGCATGAGCTCATAAAGTGTCTGTACTATGCCCGGTGCTCCAACGTCCTATCATCCGC
ATTGGCACTTCTGGTGGATAGGTCTGGAGCCCGCACTGTGGTCATAACAGAGCAGGCAGTGGATACC
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AAGCTGGTGCAGGAGCTGTTGCTGTGTTCTGCAGAGCTGAGCGAGTTCACCACAGTGGTGGGGAACACC
ATGTGCACCTTGGACTTCTATGAAGGGCAAGCCGTCTGGATGGGGCTCTCTGCTCCTACACGGAGAAG
GACAAGCAGGCGTATCTGGAGGCAGCCTATGCAGCCGGCGTCCGCAATATCGAGATGGAGTCTCGGTG
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GAAGGGGACCAGATCAGCAGCCCTCGCAATGTGCTCAGCGAGTACCAGCAGAGGCCCGCAGCGGCTGGT
AGCTACTTCATCAAGAAGAACTGAGCAAGGCC TGA
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Restriction Sites: SgfI-MluI



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Plasmid Map:



ACCN: NM_001287426

Insert Size: 933 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:

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_001287426.1
RefSeq Size:	1992 bp
RefSeq ORF:	933 bp
Locus ID:	7378
UniProt ID:	Q16831
Cytogenetics:	7p12.3
Protein Pathways:	Drug metabolism - other enzymes, Metabolic pathways, Pyrimidine metabolism
MW:	33.9 kDa
Gene Summary:	<p>This gene encodes a uridine phosphorylase, an enzyme that catalyzes the reversible phosphorylation of uridine (or 2'- deoxyuridine) to uracil and ribose-1-phosphate (or deoxyribose-1-phosphate). The encoded enzyme functions in the degradation and salvage of pyrimidine ribonucleosides. [provided by RefSeq, Oct 2016]</p> <p>Transcript Variant: This variant (3) differs in the 5' UTR compared to variant 8. Variants 1, 3 and 8 encode the same isoform (a).</p>