

Product datasheet for **SC210851**

UPB1 (NM_016327) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	UPB1 (NM_016327) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	UPB1
Synonyms:	BUP1
ACCN:	NM_016327
Insert Size:	2000 bp



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Insert Sequence: >SC210851 3'UTR clone of NM_016327
 The sequence shown below is from the reference sequence of NM_016327. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AACTACAGCCCCACCATCGTGAAAGAGTAGCCGGCTTCAGTGCCTGCCTTGGGGTGAGGAAGACACCTC
TGCCCCAGTGGATTAGCAAGTGTGGCAGGCTTAACATGTCCAGGTTCTCCCAATAACATTGTCCAGGT
TGGTTTTAAAAATCCAGGCAGGGGAGAGTGGCATGGGGAGTGACTTCTTAATGGGTAAGGGGCTGCT
TACTTCTGGGGTATTGAAATGTTGGGACTAGGTAGAGGTGAATGACTAAATGCCACTGAATTTGT
ATACTTCAGAATGTTTGTATGTAATTTTACCTCACTAAAAAAAAAATGCCAGGACTGCTTGTG
CAGGTGGATTTGAGGTTAGGCAGATGATGCTGCCATCCCGTACACCAGTGGGAAGAGGGTGAGGGCTG
ATCCAGAGACCCTGAGCCTACAGCAAGGCTGTGGTGGGTCGGATGGTCTTTGGATGTGCAGCTTAGCT
AGGCCACAGTCACCAGTAATTCAATCAGACACTAATCTAGGATTTCTGTGAAGTATTTGTAGATGT
GACAGAAGTCCATTCCCAATTGACTAAGTAAGTGAGATTATCTCAGATAATCTGGGTGAGCCTGACCTG
ATTAGTCAGAAGGCCTAAGAACAGAGCTAAGGGTTCCCTGAGGAAGAAATCTGCCTGAGGACAGCA
GCCAGTGCCTGGCGAGAGTTCCCTGACAGTCTGCCCTTCTGATAGCCTGCCTCACAGAGTTAGACATG
ACTAGCCAGCTCCTACAATCACTGAAGTCAATTCCTTGCAATAAATCTCAATATATCCCCTACTGGTTC
TGCTTCTCTAGTTGAATCTGACTGATACAGATTTTGGTGCCAAAAGTGGTTCTAGAAAAATAGAATCTT
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ATAGTTATTTATGTGCGAGACTAGCCATCAGCCATCAGTTTGTGCCAGAGTTCAGCCTGCCCTTTCT
GATGGCTTGTCCGTGGATATCAGACTTGCTGACCAGATTCCATCATCATAGAAGTAATTTGTTGCA
CTAAATCCTTTTATATCTCTATCCATCACCTACTAATTCTGCTAGTTCTGCTAATGTGGTTGAGCTCCA
TTTTACACATCAGATTACTCACTTCTCTACACCTTGGTTTTTACATCTGTAATGGGACTGGGCCAGG
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CAGGAGTCAAGACCAGCCTGGCCAACACGGCGAAACCCCGTCTCTACTAAAAATACAAAATTAGCTG
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GAGGCAAAGGCTGCAGTGCAGTGCAGTGCAGTGCAGCCTGCTGCTCCAGCCTGGACAACAGAGTGCAGCCTA
TCTCAAAAAAAAAAAGGGTGGGGACCATATCTCTGCTTTATGTCAAGACTGTTAAGAGACAGACT
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GCAAGAGCCCAACCTGCCAAGTCTCAAATAGCAGTTAACCAGAGTATCGGGTTGGAGGTGGGGTTGAGA
TTCTGTAATTCGCCGCTTATTGTTCCCAATCAGAGAAGGCAGCCAGAGAAGGCAGCTTATCCCTCAC
TGGCCAGCAGCTGAACTATATGGAAACCTCCATGTCCAGGGCTAGGGTACTCCTGGACAGCCACCAAGG
ATGAGAAACCCTGATGGAGCTGCCTGGCCACAGCTCTGCGGTAACCTCCTTGAATCTCTGTGCTGCA
ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_016327.3](#)

Summary: This gene encodes a protein that belongs to the CN hydrolase family. Beta-ureidopropionase catalyzes the last step in the pyrimidine degradation pathway. The pyrimidine bases uracil and thymine are degraded via the consecutive action of dihydropyrimidine dehydrogenase (DHPDH), dihydropyrimidinase (DHP) and beta-ureidopropionase (UP) to beta-alanine and beta-aminoisobutyric acid, respectively. UP deficiencies are associated with N-carbamyl-beta-amino aciduria and may lead to abnormalities in neurological activity. [provided by RefSeq, Jul 2008]

Locus ID: 51733

MW: 73.6