

Product datasheet for **SC323111**

Upstream Binding Protein 1 (UBP1) (NM_001128160) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Upstream Binding Protein 1 (UBP1) (NM_001128160) Human Untagged Clone
Tag:	Tag Free
Symbol:	UBP1
Synonyms:	LBP-1a; LBP-1B; LBP1A; LBP1B
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >SC323111 representing NM_001128160.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

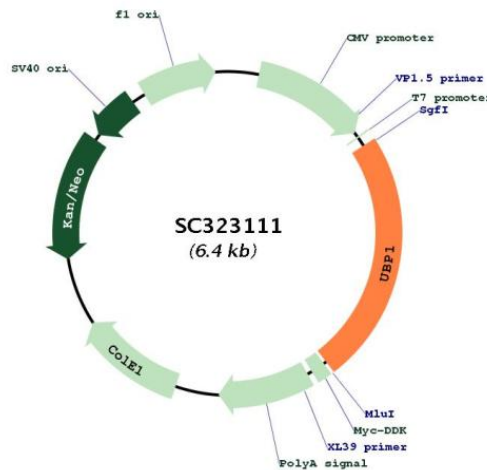
```

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGGCCTGGGTGCTCAAGATGGACGAGGTGATCGAGTCCGGGCTGGTGCACGACTTCGACGCCAGCCTC
TCGGGCATCGGGCAGGAAGTGGCGCGCGCTTACAGCATGAGTGATGTCTTGGCATTGCCATTTTC
AAGCAGGAAGATTCCAGCCTTCCATTGGATGGTAAACAGAGCACCCACCCTTTCAGTATGTGATGTGT
GCTGCAACGTCACCAGCAGTAAACTGCATGATGAAACGCTTACTTATTTGAACCAAGGTCAGTCATAT
GAAATTCGGATGCTGGATAATCGAAAAATGGGTGATATGCCTGAGATCAATGGAAAATTAGTAAAGAGC
ATCATAAGGGTTGATTCCATGACAGACGGCTACAATACACAGAGCATCAGCAACTTGAAGGATGGAAG
TGGAAATCGCCAGGAGACAGACTTCTTGATTTAGATATCCAATGTCTGTGGGAATAATTGACACAAGG
ACGAATCCAAGCCAGTTAAATGCGGTTGAATTTCTGTGGGACCCAGCAAAAACGCACCTCTGCTTTCATT
CAGGTACTGTCATCAGCACAGAATTTACTCCACGGAAGCACGGAGGTGAAAAGGGAGTGCCTTTAGG
ATCCAGGTTGACACCTTTAAGCAGAATGAAAATGGAGAATACACAGATCATCTACTACTAGCTAGCTGC
CAAATCAAAGTTTTTAAGCCTAAAGGTGCAGACAGGAAACAAAAAATGACCCGAGAGAAGATGGAGAAG
AGAACAGCTCATGAAAAAGAAAAGTATCAGCCGTCCTATGATACCAATCCTCAGAGAGTGTCTCCG
TGGCCCGATGCCCCACAGCCTATGTGAATAACAGCCCTTCCCCAGCGCCACTTTCACCTCCCCACAG
CAGAGCACTTGCAGTGTCCAGACAGCAATTTCTTCCCAAATCATCAGGGAGATGGAGCTTCACAG
ACCTCTGGTGAACAAATTCAGCCTTCAGCTACGATCCAGGAAACACAGCAATGGCTGCTCAAAAACAGA
TTCTCTTCTACACAAGACTGTTCTCTAATTTTTCAGGTGCCGACTTATTAAGGACAAAAGGAGGAT
TTAGTTCAAATTTGTGGTGCAGCCGATGGAATTCGGCTCTATAATCACTGAAGTCAAGGTCGGTTAGA
CCCCGTTTAAACCATCTATGTCTGCCGGGAGCACCAAGCAGCAGCAGTGTGCAAGGGCAGCAGCAAGCT
GCAAGCAGTGCAAGCGAGAATGGCAGTGGGGCACCCCTATGTTTATCATGCAATCTACTTGAAGAATG
ATTGCCTCAGAAGTTGCTCGAAAACCTGCGCTGGTGTAAATATCCCTCTCCACCAAATTAATCAGGTT
TACAGACAGGGTCCCACCGGATTACATTCTTGTAGTGATCAGATGGTTCAGAAATTTTCAAGATGAG
AGTTGTTTTTTATCTCCACAGTAAAAGCTGAAAGTAGTGATGGCATCCACATAATTTTGAAGTGA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
```

Restriction Sites:

SgfI-MluI

Plasmid Map:



ACCN:

NM_001128160

Insert Size:	1515 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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	<u>NM_001128160.1</u>
RefSeq Size:	4054 bp
RefSeq ORF:	1515 bp
Locus ID:	7342
UniProt ID:	<u>Q9NZI7</u>
Cytogenetics:	3p22.3
Protein Families:	Transcription Factors
MW:	56.5 kDa
Gene Summary:	<p>Functions as a transcriptional activator in a promoter context-dependent manner. Modulates the placental expression of CYP11A1. Involved in regulation of the alpha-globin gene in erythroid cells. Activation of the alpha-globin promoter in erythroid cells is via synergistic interaction with TFCP2 (By similarity). Involved in regulation of the alpha-globin gene in erythroid cells. Binds strongly to sequences around the HIV-1 initiation site and weakly over the TATA-box. Represses HIV-1 transcription by inhibiting the binding of TFIID to the TATA-box.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) lacks an in-frame exon in the mid-coding region compared to variant 1. The resulting isoform (LBP-1a) is shorter than isoform a.</p>