

## Product datasheet for **SC119722**

### **BLVRB (NM\_000713) Human Untagged Clone**

#### Product data:

Product Type:	Expression Plasmids
Product Name:	BLVRB (NM_000713) Human Untagged Clone
Tag:	Tag Free
Symbol:	BLVRB
Synonyms:	BVRB; FLR; HEL-S-10; SDR43U1
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC119722 sequence for NM_000713 edited (data generated by NextGen Sequencing)

```
ATGGCCGTCAAGAAGATCGCGATCTTCGGCGCCACTGGCCAGACCGGGCTCACCACCTG
GCGCAGGCGGTGCAAGCAGGTTACGAAGTGACAGTGCTGGTGCGGGACTCCTCCAGGCTG
CCATCAGAGGGGCCCCGGCCGGCCACGTGGTAGTGGGAGATGTTCTGCAGGCAGCCGAT
GTGGACAAGACCGTGGCTGGCAGGACGCTGTCATCGTGCTGCTGGGCACCCGCAATGAC
CTCAGTCCCACGACAGTGATGTCCGAGGGCGCCCGAACATTGTGGCAGCCATGAAGGCT
CATGGTGTGGACAAGGTCGTGGCCTGCACCTCGGCTTTCCTGCTCTGGGACCCTACCAAG
GTGCCCCACGACTGCAGGCTGTGACTGATGACCACATCCGGATGCACAAGGTGCTGCGG
GAATCAGGCTGAAGTACGTGGCTGTGATGCCGCCACACATAGGAGACCAGCCACTAACT
GGGGCGTACACAGTGACCCTGGATGGACGAGGGCCCTCAAGGGTCATCTCAAACATGAC
CTGGGCCATTTTCATGCTGCGCTGCCTCACCACCGATGAGTACGACGGACACAGCACCTAC
CCCTCCCACCAAGTACCAGTAG
```

Clone variation with respect to NM\_000713.2



[View online »](#)

**5' Read Nucleotide Sequence:**

>OriGene 5' read for NM\_000713 unedited  
TACTATTTTGTAAACGACTCACTATTAGGGCGGCCGCGATTTCGGCACGAGGCCCGCGCG  
TGCCGAGACTCTGAGGCCTTGACACCCACGATCCCGTACGATGGCCGTCAAGAAGATCG  
CGATCTTCGGCGCCACTGGCCAGACCCGGCTCACCACCTGGCGCAGGCCGTGCAAGCAG  
GTTACGAAGTGACAGTGTGGTGCGGGACTCCTCCAGGCTGCCATCAGAGGGGCCCGCG  
CGGCCACGTGGTAGTGGGAGATGTTCTGCAGGCAGCCGATGTGGACAAGACCGTGGCTG  
GGCAGGACGCTGTCATCGTGTCTGCTGGGCACCCGCAATGACCTCAGTCCCACGACAGTGA  
TGTCCGAGGGCGCCCGAACATTGTGGCAGCCATGAAGGCTCATGGTGTGGACAAGTCCG  
TGGCCTGCACCTCGCTTTCCTGCTCTGGGACCCACCAAGGTGCCCCACGACTGCAGG  
CTGTGACTGATGACCACATCCGGATGCACAAGGTGCTGCGGGAATCAGGCCTGAAGTACG  
TGGCTGTGATGCCGCCACACATAGGAGACCAGCCACTAACTGGGGCGTACACAGTGACCC  
TGGATGGACGAGGGCCCTCAAGGGTCATCTCCAAACATGACCTGNGCCATTTTCATGCTGC  
GCTGCCTCACCACCGATGAGTACGACGGACACAGCACCTACCCCTCCCACCAGTACCAGT  
AGCACTCTGTCCCATCTGGGAGGGTGGCATTCTGGGACATGANGAGCANNAGGAAGGGG  
CAATAAATGTTGAGCCAAGAGCTTCAAATTAAGTCTAGAAAAAAAAAAAAAAAAAAGTTCGAC  
TCTANATTGCGGCCGCGGTTCATAGCTGTTCTCTGAACAGATCCCGGTGGCATCCCTGTGA  
CCCTCCCATGCCTCTCTGGNCTGGAANNTGCACTCCATGC

**3' Read Nucleotide Sequence:**

>OriGene 3' read for NM\_000713 unedited  
AGAGTCGAGTTTTTTTTTTTTTTTTTCTAGAGTAATTTGAAGCTCTTGGCTCAACATTT  
ATTGCCCCCTTCTTTGCTCCTCATGTCCAGAAATGCCACCTCCAGATGGGGACAGAG  
TGCTACTGGTACTGGTGGGAGGGGTAGGTGCTGTGTCCGTCGACTCATCGGTGGTGGG  
CAGCGCAGCATGAAATGGCCAGGTCATGTTTGGAGATGACCCTTGAGGGCCCTCGTCCA  
TCCAGGGTCACTGTGTACGCCCAAGTGTGGTGGTCTCCTATGTGTGGCGGCATCACA  
GCCACGTAATTCAGGCCTGATCCCGCAGCACCTTGTGCATCCGGATGTGGTTCATCAGTC  
ACAGCCTCGAGTCGTGGGGGCACCTTGGTAGGGTCCCAGAGCAGGAAAGCCGAGGTGCAG  
GCCACGACCTTGTCCACACCATGAGCCTTCATGGCTGCCACAATGTTCCGGGGCCCTCG  
NACATCACTGTGCTGGGACTGANGTCATGCGGGTGCCAGCAGCAGCATGACAGCGTCC  
TGCCCAGCCACGGTCTTGTCCACATCGGCTGCCTGCAGACATCCCCACTACCACGTGGC  
CCGCCGGGGCCCTCTGATGCAGCCTGGAGAGTCCCGCACAGCACTGTCACTTCGTACCT  
CGTTGCACCGCCTGCCAGGGTGGTGGAGCCGGTCTGGCCAGGGGCCAAGATCGCATTT  
TTTGACGCCATCTACGGATTTCGGGTGCAAGCCTAAAGTTCGCACGCCGGCCTTTGCCGA  
ATTCGGGGCGCCTTAAGGATCGATTCAAATTTGACGGTACTAACGACTTTGTTTTAACT  
CCACGTACACCTACGCCTTTGGGAAGGGCGGGTTTTTACATTTGAAGCCGTTTTTTGG  
GCCAACTCCTTGCGAATGGGGAAATGAATCCCGGAAAACCGTTCCCTTGGGCCGCAA  
ACTTCCTGTAACAGAT

**Restriction Sites:**

NotI-NotI

**ACCN:**

NM\_000713

**Insert Size:**

820 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\\_000713.1](#), [NP\\_000704.1](#)

**RefSeq Size:** 824 bp

**RefSeq ORF:** 621 bp

**Locus ID:** 645

**UniProt ID:** [P30043](#)

**Cytogenetics:** 19q13.2

**Protein Pathways:** Porphyrin and chlorophyll metabolism

**Gene Summary:** The final step in heme metabolism in mammals is catalyzed by the cytosolic biliverdin reductase enzymes A and B (EC 1.3.1.24).[supplied by OMIM, Jul 2009]