

**BLVRB Blocking Peptide (C-term)**

Synthetic peptide

Catalog # BP20628c

**Specification**

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**BLVRB Blocking Peptide (C-term) - Product Information**

Primary Accession

[P30043](#)

Other Accession

[O923D2](#), [P52556](#)**BLVRB Blocking Peptide (C-term) - Additional Information**

Gene ID 645

**Other Names**

Flavin reductase (NADPH), FR, Biliverdin reductase B, BVR-B, Biliverdin-IX beta-reductase, Green heme-binding protein, GHBP, NADPH-dependent diaphorase, NADPH-flavin reductase, FLR, BLVRB, FLR

**Target/Specificity**

The synthetic peptide sequence is selected from aa 161-195 of HUMAN BLVRB

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**BLVRB Blocking Peptide (C-term) - Protein Information**

Name BLVRB

Synonyms FLR

**Function**

Broad specificity oxidoreductase that catalyzes the NADPH- dependent reduction of a variety of flavins, such as riboflavin, FAD or FMN, biliverdins, methemoglobin and PQQ (pyrroloquinoline quinone). Contributes to heme catabolism and metabolizes linear tetrapyrroles. Can also reduce the complexed Fe(3+) iron to Fe(2+) in the presence of FMN and NADPH. In the liver, converts biliverdin to bilirubin.

**Cellular Location**

Cytoplasm.

**Tissue Location**

Predominantly expressed in liver and erythrocytes. At lower levels in heart, lung, adrenal gland and cerebrum

### **BLVRB Blocking Peptide (C-term) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

### **BLVRB Blocking Peptide (C-term) - Images**

### **BLVRB Blocking Peptide (C-term) - Background**

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### **BLVRB Blocking Peptide (C-term) - References**

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Komuro A.,et al.Biol. Pharm. Bull. 19:796-804(1996).  
Ota T.,et al.Nat. Genet. 36:40-45(2004).  
Grimwood J.,et al.Nature 428:529-535(2004).  
Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.