

## Product datasheet for **TP310769M**

### BLVRB (NM\_000713) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human biliverdin reductase B (flavin reductase (NADPH)) (BLVRB), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC210769 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MAVKKIAIFGATGQTGLTTLAQAVQAGYEVTVLVRDSSRLPSEGPRPAHVWVGDLQAADV DKT VAGQDA  
VIVLLGTRNDLSPTTVMSEGARNIVAAMKAHGV D K V V A C T S A F L L W D P T K V P P R L Q A V T D D H I R M H K V L R  
ESGLKYVAVMPPHIGDQPLTGAYTVTL D G R G P S R V I S K H D L G H F M L R C L T T D E Y D G H S T Y P S H Q Y Q

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-Myc/DDK
Predicted MW:	21.9 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u><a href="#">NP_000704</a></u>
Locus ID:	645
UniProt ID:	<u><a href="#">P30043</a></u> , <u><a href="#">V9HWI1</a></u>



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RefSeq Size: 874

Cytogenetics: 19q13.2

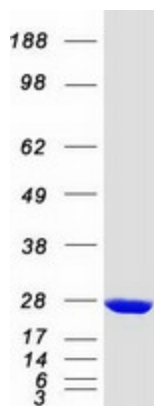
RefSeq ORF: 618

Synonyms: BVRB; FLR; HEL-S-10; SDR43U1

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]

Protein Pathways: Porphyrin and chlorophyll metabolism

### Product images:



Coomassie blue staining of purified BLVRB protein (Cat# [TP310769]). The protein was produced from HEK293T cells transfected with BLVRB cDNA clone (Cat# [RC210769]) using MegaTran 2.0 (Cat# [TT210002]).