

Recombinant Full Length Human BLVRB Protein, GST-tagged

Cat. No. BLVRB-1713HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human BLVRB full-length ORF (NP_000704.1, 1 a.a. - 206 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	206 amino acids
Description	The final step in heme metabolism in mammals is catalyzed by the cytosolic biliverdin reductase enzymes A and B (EC 1.3.1.24).
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	48.5 kDa
AA Sequence	MAVKKIAIFGATGQTGLTTLAQAVQAGYEVTVLVRDSSRLPSEGPRPAHVVGVDVLQ AADVDKTVAGQDAVIVLLGTRNDLSPTTVMSEGARNIVAAMKAHGVDKVVACTSAFL LWDPTKVPRLQAVTDDHIRMHKVLRSEGLKYVAVMPPHIGDQPLTGAYTVTLGDGR GPSRVISKHDLGHFMLRCLTTDEYDGHSTYPSHQYQ
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

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Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name BLVRB biliverdin reductase B (flavin reductase (NADPH)) [Homo sapiens]

Official Symbol BLVRB

Synonyms

BLVRB; biliverdin reductase B (flavin reductase (NADPH)); Flavin reductase , FLR; flavin reductase (NADPH); SDR43U1; short chain dehydrogenase/reductase family 43U; member 1; FR; GHBP; BVR-B; NADPH-flavin reductase; NADPH-dependent diaphorase; green heme-binding protein; biliverdin-IX beta-reductase; short chain dehydrogenase/reductase family 43U, member 1; FLR; BVRB; MGC117413

Gene ID 645

mRNA Refseq NM_000713

Protein Refseq NP_000704

MIM 600941

UniProt ID P30043

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