

Recombinant Human BLVRB Protein, GST-tagged

Cat. No. BLVRB-251H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human BLVRB partial ORF (NP_000704, 107 a.a. - 206 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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	36.74 kDa
AA Sequence	VACTSAFLLWDPTKVPRLQAVTDDHIRMHKVLRESGLKYVAVMPPHIGDQPLTGA YTVTLTGGRGPSRVISKHDLGHFMLRCLTTDEYDGHSTYPHQYQ
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.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

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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

