Recombinant Human BLVRB, GST-tagged

Cat. No. BLVRB-10243H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human BLVRB protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-206a.a.
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).[supplied by OMIM, Jul 2009]
Storage	The protein is stored in PBS buffer at -20℃. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100,15%glycerol.

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;

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	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
Chromosome Location	19q13.1-q13.2
Pathway	Heme degradation, organism-specific biosystem; Metabolism, organism-specific biosystem; Metabolism of porphyrins, organism-specific biosystem; Porphyrin and chlorophyll metabolism, organism-specific biosystem; Porphyrin and chlorophyll metabolism, conserved biosystem; Riboflavin metabolism, organism-specific biosystem; Riboflavin metabolism, conserved biosystem;
Function	biliverdin reductase activity; nucleotide binding; oxidoreductase activity; riboflavin reductase (NADPH) activity;

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