

Biliverdin Reductase B Human Recombinant

Item Number	rAP-1776
Synonyms	FLR, BVRB, SDR43U1, MGC117413, BLVRB, Flavin reductase, FR, NADPH-dependent diaphorase, NADPH-flavin reductase, Biliverdin reductase B, BVR-B, Biliverdin-IX beta-reductase, Green heme-binding protein, GHBP.
Description	BLVRB Human Recombinant amino produced in E.Coli is a single, non-glycosylated polypeptide chain containing 206 amino acids having a molecular mass of 22.1 kDa. The BLVRB is purified by proprietary chromatographic techniques.
Uniprot Accession Number	P30043
Amino Acid Sequence	MAVKKIAIFG ATGQTGLTTL AQAVQAGYEV TVLVRDSSRL PSEGPRPAHV VVGDVLQAAD VDKT-VAGQDA VIVLLGTRND LSPTTVMSEG ARNIVAAMKA HGVDKVVACT SAFLLDWPTK VPPRLQAVTD DHIRMHKVL R ESGLKYVAVM PPHIGDQPLT GAYTVDLGR GPSRVISKHD LGHFMLRCLT TDEYDGH-STY PSHQYQ.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	The protein contains 20mM Tris-HCl buffer pH 8.5, 10% glycerol, and 1mM DTT. Greater than 95.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**