

**Biliverdin reductase B, 1-206aa, Human, Recombinant, E.coli**

**Cat.NO.: TP01338**

3th Edition

**Synonyms:**BLVRB, FLR, BVRB, SDR43U1, MGC117413.

**Description:**Biliverdin reductase B (BLVRB) is an enzyme (EC 1.3.1.24) that converts biliverdin to bilirubin, converting a double-bond between the second and third pyrrole ring into a single-bond. BLVRB is found that major erythrocytic heme catabolic pathway in humans and most mammalian species.

**Form:**Liquid in 20mM Tris pH 8.5, 10% glycerol, 1mM DTT

**Molecular Weight:**22.1 kDa (206aa)

**Sequences:**

MAVKKIAIFGATGQTGLTTLAQAVQAGYEVTVLVRDSSRLPSEGPRPAHVVVGDVLAADVDKTVAGQDAVIVLLG  
TRNDLSPTTVMSEGARNIVAAMKAHGVDKVVACTSAFLLWDPTKVPPRLQAVTDDHIRMHKVLRESGLKYVAVMP  
PHIGDQPLTGAYTVTLDGRGSPRVISKHDLGHFMLRCLTTDEYDGHSTYPSHQYQ

**Purity:**> 95% by HPLC

**Concentration:**1 mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.