

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:

MAVKKIAIFGATGQTGLTTLAQAVQAGYEVTVLVRDSSRLPSEGPRPAHVVGVDVLQAADV DKT VAGQDAVIVLLG
TRNDLSPTTVMSEGARNIVAAMKAHGVDKVVACTSAFLWDP TKV PRLQAVTDDHIRMHKVLR ESGLKYVAVMP
PHIGDQPLTGAYTVTL DGRGPSRVISKHDLGHFMLRCLTTDEYDGHSTYPSHQYQ

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.