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Biliverdin reductase A, 3-296 aa, Human, Recombinant, E.coli

产品货号: TP01337

第三版

别名:BLVR, BVR, BVRA.

**描述:**BLVRA, also known as biliverdin reductase A, belongs to the gfo/idh/mocA family. This protein is an enzyme that converts biliverdin to bilirubin, converting a double-bond between the second and third pyrrole ring into a single-bond. ( Bilirubin + NAD(P)<sup>+</sup> = biliverdin + NAD(P)H ) Recombinant BLVRA protein was expressed in E.coli and purified by using conventional chromatography techniques.

**配方:**Liquid. In 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol

**分子量:**33.3 kDa (295aa)

**序列:**

MAEPERKFGVVVVGVGRAGSVRMRDLRNPHPSAFLNLIQFVSRRELGSIDGVQQISLEDALSSQEVEVAYICSESSSHEDYI  
RQFLNAGKHVLEYPMTLSLAAAQELWELAEQKGVLEHEHVLLMEEFAFLKKEVVGKDLLKGSLLFTAGPLEEERFGFP  
AFSGISRLTWLVSLFGELSLVSATLEERKEDQYMKMTVCLETEKKSPLSWIEEKGPGLKRNRYLSFHFKSGSLENVPNVGVN  
KNIFLKDQNIQVQKLLGQFSEKELAAEKKRILHCLGLAEEIQKYCCSRK

**纯度:**> 95% by HPLC

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

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

**存储:** +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.