

Recombinant rat BVR protein ab91622

3 图像

描述

产品名称	重组大鼠BVR蛋白
生物活性	BVR Assay: Positive (> 180 units/mg) 1 unit of BVR will transform 1 nanomole of biliverdin to bilirubin in an NADPH dependent reaction at pH 8.5 at 37°C in 1 minute.
纯度	> 95 % SDS-PAGE. Purified by Multi-Step Chromatography. > 95% pure as determined by SDS-PAGE and Western Blot analysis.
表达系统	Escherichia coli
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Rat

技术指标

Our **Abpromise guarantee** covers the use of **ab91622** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Western blot Functional Studies SDS-PAGE
形式	Liquid
补充说明	BVR Assay: Positive (> 180 units/mg) 1 unit of BVR will transform 1 nanomole of biliverdin to bilirubin in an NADPH dependent reaction at pH 8.5 at 37°C in 1 minute. Protein previously labeled as Biliverdin Reductase.

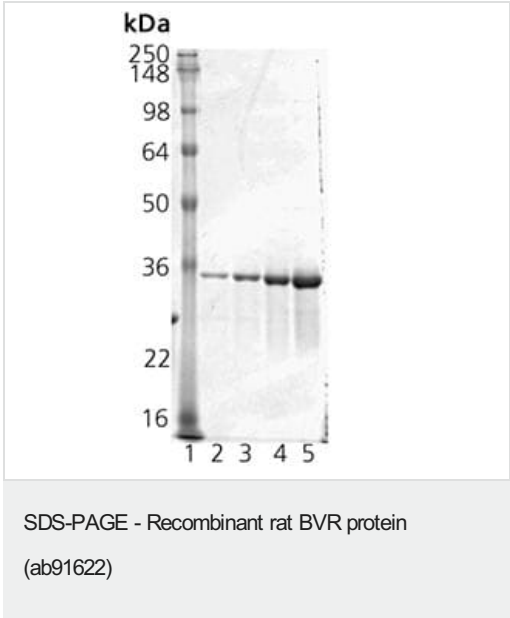
制备和贮存

稳定性和存储	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. Constituents: 0.077% (R*,R*)-1,4-Dimercaptobutan-2,3-diol, 0.79% Tris HCl, 0.0292% EDTA This product is an active protein and may elicit a biological response in vivo, handle with caution.
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常规信息

功能	Reduces the gamma-methene bridge of the open tetrapyrrole, biliverdin IX alpha, to bilirubin with the concomitant oxidation of a NADH or NADPH cofactor.
组织特异性	Liver.
通路	Porphyrin-containing compound metabolism; protoheme degradation.
疾病相关	Hyperbiliverdinemia
序列相似性	Belongs to the Gfo/l dh/MocA family. Biliverdin reductase subfamily.
细胞定位	Cytoplasm.

图片



SDS-PAGE Analysis:

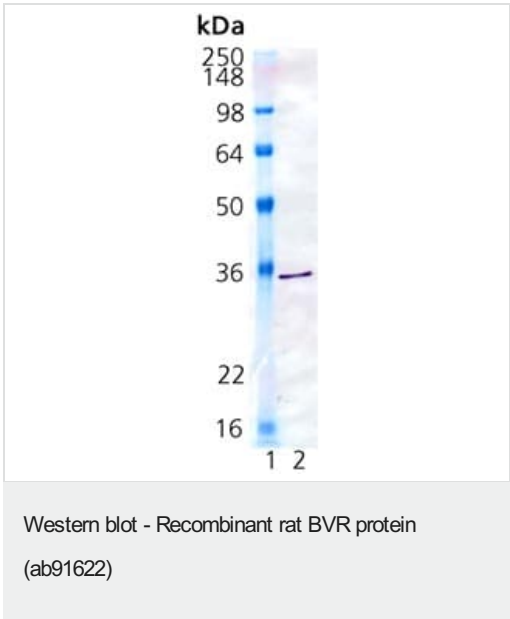
Lane 1: Molecular weight marker

Lane 2: 0.5 µg ab91622

Lane 3: 1.0 µg ab91622

Lane 4: 2.0 µg ab91622

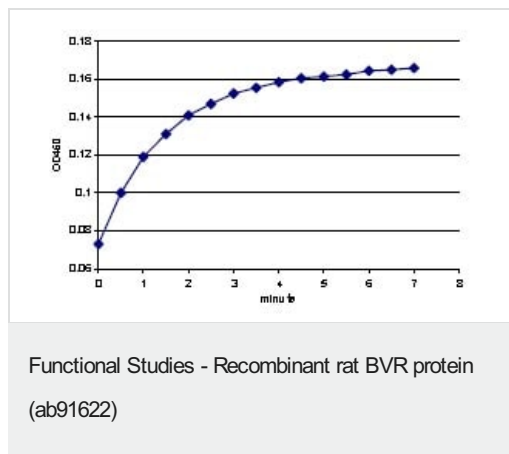
Lane 5: 5.0 µg ab91622



All lanes : BVR Polyclonal Antibody

Lane 1 : Molecular weight markers

Lane 2 : ab91622 at 0.1 µg



BVR Activity: 1 µg of ab91622 was incubated with biliverdin in the presence of NADPH at pH 8.5, 37°C. Product formation was monitored with a spectrometer at 450 nm.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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