

Datasheet for ABIN6388190

BLVRB Protein (AA 1-206) (His tag)



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Overview

Quantity:	50 µg
Target:	BLVRB
Protein Characteristics:	AA 1-206
Origin:	Mouse
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This BLVRB protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	MGSSHHHHHH SSSLVPRGSH MGSMTVKKIA IFGATGRTGL TTLAQAVQAG YEVTVLVRDS SRLPSEGPQP AHVVVG DVRQ AADV DKT VAG QEAVIVLLGT GNDLSPTTVM SEGTRNIVTA MKAHGV DKKV ACTSAFLLWD PTKVPPRLQD VTDDHIRMHK ILQESGLKYV AVMPPHIGDQ PLTGAYTVTL DGRGPSRVIS KHD LGHFMLR CLTTNEYDGH TTYP SHQYD
Purity:	> 95% by SDS-PAGE

Target Details

Target:	BLVRB
Alternative Name:	Biliverdin Reductase B/BLVRB (BLVRB Products)
Background:	BlvrB, also known as flavin reductase (NADPH) isoform 1, is an enzyme (EC 1. 3. 1. 24) that converts biliverdin to bilirubin, converting a double-bond between the second and third pyrrole

Target Details

ring into a single-bond. Blvrb is found that major erythrocytic heme catabolic pathway in humans and most mammalian species. Biliverdin reductase is abundantly expressed in kidney, spleen, liver and brain as well as at lower levels in the thymus and minimal levels being detected in testis. Recombinant mouse Blvrb protein was expressed in E. coli and purified by using conventional chromatography techniques.

Molecular Weight: 24.6 kDa (229aa) confirmed by MALDI-TOF

NCBI Accession: [NP_659172](#)

UniProt: [Q923D2](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Comment: Bioactivity Validated

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.5 mg/mL

Buffer: In 20 mM Tris-HCl buffer (pH 8.0) containing 10 % glycerol

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Can be stored at +2°C to +8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.