

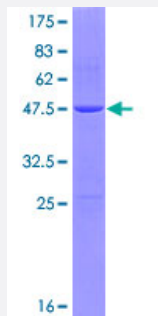
Full-Length

BLVRB (Human) Recombinant Protein (P01)

Catalog # H00000645-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human BLVRB full-length ORF (NP_000704.1, 1 a.a. - 206 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MAVKKIAIFGATGQTGLTTLAQAVQAGYEVTVLVRDSSRLPSEGPRPAHVVGDLQAADV DKT
AGQDAVIVLLGTRNDLSPTTVMSEGARNIVAAMKAHGV DKKVACTSAFLLWDPTKVP PRLQAVT
DDHIRMHKVLRESGLKYAVMPPHIGDQPLTGAYTVTL DGRGPSRVISKHDLGHFMLRCLTTDEYD
GHSTYPSHQYQ

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

48.5

Interspecies Antigen Sequence

Mouse (94); Rat (94)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — BLVRB

Entrez GeneID	645
GeneBank Accession#	NM_000713.1
Protein Accession#	NP_000704.1
Gene Name	BLVRB
Gene Alias	BVRB, FLR, MGC117413, SDR43U1
Gene Description	biliverdin reductase B (flavin reductase (NADPH))
Omim ID	600941
Gene Ontology	Hyperlink
Gene Summary	The final step in heme metabolism in mammals is catalyzed by the cytosolic biliverdin reductase enzymes A and B (EC 1.3.1.24).[supplied by OMIM]
Other Designations	flavin reductase (NADPH) short chain dehydrogenase/reductase family 43U, member 1

Pathway

- [Porphyrin and chlorophyll metabolism](#)