

Recombinant Human BLVRA protein, GST-tagged

Cat. No. BLVRA-10242H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human BLVRA protein(1-296 aa), fused with N-terminal GST tag, was expressed in E. coli.
Species	Human
Source	E. coli
ProteinLength	1-296 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 100 mM reduced glutathione (GSH).
AASequence	MNAEPERKFGVVVGVGRAGSVRMRDLRNPHPSAFLNLIGFVSRRELGSIDGVQQ ISLEDALSSQEVEVAYICSESSSHEDYIRQFLNAGKHVLEYPMTLSLAAAQELWELA EQKGKVLHEEHVELLMEEFAFLKKEVVGKDLLKGSLLFTAGPLEEERFGFPAFSGIS RLTWLVSLFGELSLVSATLEERKEDQYMKMTVCLETEKKSPLSWIEEKGPGLKRN YLSFHFKSGSLENVNVGVNKNIFLKDQNIQVQKLLGQFSEKELAAEKKRILHCLGLA EEIQKYCCSRK
Purity	85%, by SDS-PAGE.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months,

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reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [BLVRA biliverdin reductase A \[Homo sapiens \]](#)

Official Symbol [BLVRA](#)

Synonyms BLVRA; biliverdin reductase A; BLVR; BVR A; biliverdin-IX alpha-reductase; BVR; BVRA;

mRNA Refseq [NM_000712](#)

Protein Refseq [NP_000703](#)

MIM [109750](#)

UniProt ID [P53004](#)

Gene ID [644](#)

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SDS-PAGE



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