

## Recombinant Human BLVRA protein, His-tagged

Cat. No. BLVRA-1643H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human BLVRA protein(1-296 aa), fused with N-terminal His tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E. coli
<b>ProteinLength</b>	1-296 aa
<b>Form</b>	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na <sub>2</sub> HPO <sub>4</sub> , 17 mM NaH <sub>2</sub> PO <sub>4</sub> , 68 mM NaCl, pH 7.4). 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 300 mM imidazole.
<b>AASequence</b>	MNAEPERKFGVVVGVGRAGSVRMRDLRNPHPSAFLNLI GFVSRRELGSIDGVQQ ISLEDALSSQEVEVAYICSESSSHEDYIRQFLNAGKHVLEYPMTLSLAAAQELWELA EQKGKVLHEEHVELLMEEFAFLKKEVVGKDLLKGSLLFTAGPLEEERFGFPAFSGIS RLTWLVSLFGELSLVSATLEERKEDQYMKMTVCLETEKKSPLSWIEEKGPGLKRN YLSFHFKSGSLENVPGVGNKNIFLKDQNFVQKLLGQFSEKELAAEKKRILHCLGLA EEIQKYCCSRK
<b>Purity</b>	85%, by SDS-PAGE.
<b>Storage</b>	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid

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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

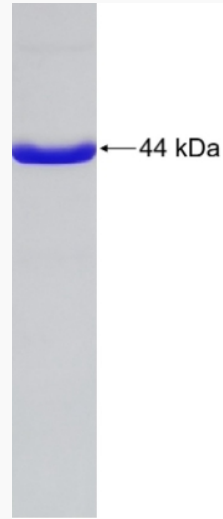
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SDS-PAGE



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