

Recombinant Human BLVRA protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human BLVRA protein(1-296 aa), fused with N-terminal His 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 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.
AASequence	MNAEPERKFGV VVG VGRAGSVRMRDLRNPHPSAFLNLIGFVSRRELGSIDGVQQ ISLEDALSSQEVEVAYICSESSSHEDYIRQFLNAGKHVLEYPMTLSLAAAQELWELA EQKGKVLHEEHVELLMEEFAFLKKEVVGKDLLKGSLLFTAGPLEEERFGFPAFSGIS RLTWLVSLFGELSLVSATLEERKEDQYMKMTVCLETEKKSPLSWIEEKGPGLKRN YLSFHFKSGSLENVPNVGVNKNIFLKDQNFVQKLLGQFSEKELAAEKKRILHCLGLA 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, 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

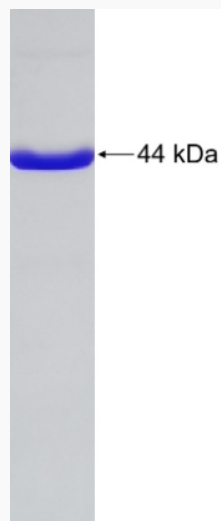
Gene ID 644

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SDS-PAGE



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