

Recombinant Human BLVRA

Cat. No. BLVRA-26429TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human Biliverdin Reductase; amino acids 3-296, 295 amino acids, MWt 33.3kDa.
Species	Human
Source	E.coli
ProteinLength	3-296 a.a.
Description	Biliverdin reductases, such as BLVRA (EC 1.3.1.24), catalyze the conversion of biliverdin to bilirubin in the presence of NADPH or NADH (Komuro et al.
Form	Liquid
Purity	>90% by SDS-PAGE
Storage buffer	Preservative: None Constituents: 10% Glycerol, 20mM Tris HCl, pH 8.0
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Sequences of amino acids	MAEPERKFGV VVVGVGRAGS VRMRDLRNPH PSSAFLNLIG FVSRRELGSI DGVQQISLED ALSSQEVEVA YICSESSSHE DYIRQFLNAG KHV LVEYPMT LSLAAAQELW ELAEQK GKVL HEEHV ELLME EF AFLKKEVV GKDLLKGSLL FTAGPLEEER FGFP AFSGIS RLTWLVSLFG ELSLV SATLE ERKEDQYMKM

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TVCLETEKKS PLSWIEEKGP GLKRNRYLSF HFKSGSLENV PNVGVNKNIF
LKDQNIQVQK LLGQFSEKEL AAEKKRILHC LGLAEEIQKY CCSRK

Full Length Full L.

GENE INFORMATION

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

Official Symbol [BLVRA](#)

Synonyms BLVRA; biliverdin reductase A; BLVR;

Gene ID [644](#)

mRNA Refseq [NM_000712](#)

Protein Refseq [NP_000703](#)

MIM [109750](#)

Uniprot ID [P53004](#)

Chromosome Location 7p14-cen

Pathway Heme degradation, organism-specific biosystem; Metabolism, organism-specific biosystem; Metabolism of porphyrins, organism-specific biosystem; Porphyrin and chlorophyll metabolism, organism-specific biosystem; Porphyrin and chlorophyll metabolism, conserved biosystem;

Function biliverdin reductase activity; metal ion binding; nucleotide binding; oxidoreductase

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activity; zinc ion binding;

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