

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: NoneConstituents: 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 VVGVGRAGS VRMRDLRNPH PSSAFLNLIG FVSRRELGSI DGVQQISLED ALSSQEVEVA YICSESSSHE DYIRQFLNAG KHV LVEYPMT LSLAAAQELW ELAEQKGKVL HEEHVELLME EFAFLKKEVV GKDLLKGSLL FTAGPLEEER FGFPAFSGIS RLTWLVSFLG ELSLVSATLE ERKEDQYMKM

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TVCLETEKKS PLSWIEEKGP GLKRNRYLSF HFKSGSLENV PNVGVNKNIF
LKDQNIFVQK 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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