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 VVVGVGRAGS VRMRDLRNPH PSSAFLNLIG FVSRRELGSI DGVQQISLED ALSSQEVEVA YICSESSSHE DYIRQFLNAG KHVLVEYPMT LSLAAAQELW ELAEQKGKVL HEEHVELLME EFAFLKKEVV GKDLLKGSLL FTAGPLEEER FGFPAFSGIS RLTWLVSLFG 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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