

Product Datasheet

Recombinant Human Biliverdin Reductase A/BLVRA Protein **NBP1-30216**

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP1-30216

Recombinant Human Biliverdin Reductase A/BLVRA Protein

Product Information

Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Preservative	No Preservative
Purity	>90%, by SDS-PAGE
Buffer	20 mM Tris-HCl buffer (pH8.0), 10% glycerol
Target Molecular Weight	33.3 kDa

Product Description

Description	An un-tagged recombinant protein corresponding to the amino acids 3-296 of Human Biliverdin Reductase A/BLVRA Source: <i>E.coli</i> Amino Acid Sequence: MAEPPERKFGV VVVGVRAGS VRMRDLRNPH PSSAFLNLIG FVSRELGSI DGVQQISLED ALSSQEVEVA YICSESSSSHE DYIRQFLNAG KHVLCVYPMT LSLAAAQELW ELAEQKGKVL HEEHVELLME EFAFLKKEVV GKDLLKGSLI FTAGPLEEER FGFPAFSGIS RLTWLVSLFG ELSLVSATLE ERKEDQYMKM TVCLETEKKS PLSWIEEKGP GLKRNRYLSF HFKSGSLENV PNVGVNKNIF LKDQNIFVQK LLGQFSEKEL AAEKKRILHC LGLAEEIQKY CCSRK
Gene ID	644
Gene Symbol	BLVRA
Species	Human
Details of Functionality	Specific activity is > 450 pmol/min/ug, and is defined as the amount of enzyme that catalyze the reduction 1.0 pmole of biliverdin of NADPH per minute at pH 8.8 at 25C.
Endotoxin Note	< 1.0 EU per 1 microgram of protein (determined by LAL method)

Product Application Details

Applications	Functional, SDS-Page, Bioactivity
Recommended Dilutions	Functional, SDS-Page, Bioactivity



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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. This product is guaranteed for 1 year from date of receipt.

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