

# 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**

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

**Product Description**

<b>Description</b>	<p>An un-tagged recombinant protein corresponding to the amino acids 3-296 of Human Biliverdin Reductase A/BLVRA</p> <p><b>Source:</b> <i>E.coli</i></p> <p><b>Amino Acid Sequence:</b> MAEPERKFGV VVVGVGGRAGS VRMRDLRNPH PSSAFNLIG FVSRRELGSI DGVQQISLED ALSSQEVEVA YICSESSSHE DYIRQFLNAG KHVLEVEYPM T LSLAAAQELW ELAEQKGKVL HEEHVLLME EFAFLKKEVV GKDLLKGSLL FTAGPLEEER FGFPAFSGIS RLTWLVSLFG ELSLVSATLE ERKEDQYMKM TVCLETEKKS PLSWIEEKGP GLKRNRYSF HFKSGSLENV PNVGVNKNIF LKQDNIFVQK LLGQFSEKEL AAEKKRILHC LGLAEIQKY CCSRK</p>
<b>Gene ID</b>	644
<b>Gene Symbol</b>	BLVRA
<b>Species</b>	Human
<b>Details of Functionality</b>	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.
<b>Endotoxin Note</b>	< 1.0 EU per 1 microgram of protein (determined by LAL method)

**Product Application Details**

<b>Applications</b>	Functional, SDS-Page, Bioactivity
<b>Recommended Dilutions</b>	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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