

## Product datasheet for **AR09260PU-N**

### Biliverdin reductase A (3-296) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Biliverdin reductase A (3-296) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MAEPERKFGV VVGVGRAGS VRMRDLRNPH PSSAFLNLIG FVSRRELGSI DGVQQISLED ALSSQEVEVA YICSESSSHE DYIRQFLNAG KHVLEVPMT LSLAAAQELW ELAEQKGKVL HEEHVELLME EFAFLKKEV GKDLLKGSLL FTAGPLEEER FGPAFSGIS RLTWLVSLFG ELSLVSATLE ERKEDQYMKM TVCLETEKKS PLSWIEEKGP GLKRNRYLSF HFKSGSLENV PNVGVNKNIF LKDQNFVQK LLGQFSEKEL AAEKKRILHC LGLAEEIQKY CCSRK
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol
Endotoxin:	< 1.0 EU per 1 µg of protein (determined by LAL method )
Preparation:	Liquid purified protein
Protein Description:	Recombinant BLVRA protein was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<a href="#">NP_000703</a>
Locus ID:	644
UniProt ID:	<a href="#">P53004</a> , <a href="#">A0A140VJF4</a>
Cytogenetics:	7p13
Synonyms:	BLVR; BVR; BVRA



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**Summary:**

The protein encoded by this gene belongs to the biliverdin reductase family, members of which catalyze the conversion of biliverdin to bilirubin in the presence of NADPH or NADH. Mutations in this gene are associated with hyperbiliverdinemia. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Dec 2011]

**Protein Pathways:**

Porphyrin and chlorophyll metabolism

**Product images:**