

# Product Data Sheet

## Recombinant Human BLVRA Protein

Catalog #	Source	Reactivity	Applications
CRP1121	E. coli	Human	E, WB, SDS-PAGE, MS
<b>Description</b>	Recombinant Human BLVRA Protein is produced by our E. coli expression system and the target gene encoding Glu6-Ser294 is expressed with a 6His tag at the C-terminus.		
<b>Form</b>	Lyophilized from a 0.2 µM filtered solution of 4mM HCl.		
<b>Gene Symbol</b>	BLVRA		
<b>Alternative Names</b>	BLVR; BVR; Biliverdin reductase A; BVR A; Biliverdin-IX alpha-reductase		
<b>Entrez Gene</b>	644 (Human)		
<b>SwissProt</b>	P53004 (Human)		
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE.		
<b>Chemical Structure</b>	MERKFGVVVV GVGRAGSVRM RDLRNPHPSS AFLNLIGFVS RRELGSIDGV QQISLEDALS SQEVEVAYIC SESSSHEDYI RQFLNAGKHV LVEYPM TSL AAAQELWELA EQKGKVSHEE HVELLMEEFA FLKKEVVGKD LLKGSLLFTA GPLEEERFGF PAFSGISR LT WLVS LFGELS LVSATLEERK EDQYMKMTVC LETEKKSP LS WIEEKG PGLK RNRYLSFHFK SGSLENVPNV GVNKNIFLKD QNIFVQKLLG QFSEKELAAE KKRILHCLGL AEEIQKYCCS LEHHHHHHH		
<b>Quality Control</b>	Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.		
<b>Directions for Use</b>	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.		
<b>Storage/Stability</b>	Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days.		

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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Aliquots of reconstituted samples are stable at -20°C for 3 months.

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