

Recombinant Human BLVRA protein, His & T7-tagged

Cat. No. BLVRA-1687H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human BLVRA aa. (Met1~His125 (Accession # P53004)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Met1~His125
Description	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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 17.6kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

Storage buffer

Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.

Reconstitution

Reconstitute in sterile PBS, pH7.2-pH7.4.

Isoelectric Point

5.3

GENE INFORMATION

Gene Name

BLVRA biliverdin reductase A [Homo sapiens (human)]

Official Symbol

BLVRA

Synonyms

BLVRA; biliverdin reductase A; BVR; BLVR; BVRA; biliverdin reductase A; BVR A; biliverdin-IX alpha-reductase; testis tissue sperm-binding protein Li 61n

Gene ID

644

mRNA Refseq

NM_000712.3

Protein Refseq

NP_000703.2

UniProt ID

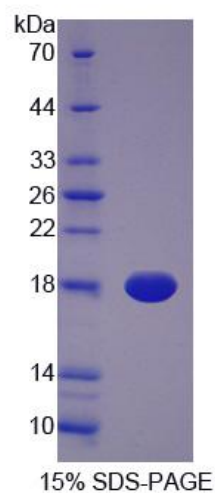
P53004

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SDS-PAGE



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