

BLVRA Blocking Peptide (Center Y83)

Synthetic peptide

Catalog # BP20430c

Specification

BLVRA Blocking Peptide (Center Y83) - Product Information

Primary Accession

[P53004](#)**BLVRA Blocking Peptide (Center Y83) - Additional Information**

Gene ID 644

Other Names

Biliverdin reductase A, BVR A, Biliverdin-IX alpha-reductase, BLVRA, BLVR, BVR

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

BLVRA Blocking Peptide (Center Y83) - Protein InformationName BLVRA ([HGNC:1062](#))**Function**

Reduces the gamma-methene bridge of the open tetrapyrrole, biliverdin IX alpha, to bilirubin with the concomitant oxidation of a NADH or NADPH cofactor (PubMed:[8631357](http://www.uniprot.org/citations/8631357), PubMed:[8424666](http://www.uniprot.org/citations/8424666), PubMed:[7929092](http://www.uniprot.org/citations/7929092)). Uses the reactants NADH or NADPH depending on the pH; NADH is used at the acidic pH range (6-6.9) and NADPH at the alkaline range (8.5-8.7) (PubMed:[8631357](http://www.uniprot.org/citations/8631357), PubMed:[8424666](http://www.uniprot.org/citations/8424666), PubMed:[7929092](http://www.uniprot.org/citations/7929092)). NADPH, however, is the probable reactant in biological systems (PubMed:[7929092](http://www.uniprot.org/citations/7929092)).

Cellular Location

Cytoplasm, cytosol

Tissue Location

Liver.

BLVRA Blocking Peptide (Center Y83) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

BLVRA Blocking Peptide (Center Y83) - Images**BLVRA Blocking Peptide (Center Y83) - Background**

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