

CRLS1 Blocking Peptide (C-term)
Synthetic peptide
Catalog # BP5423b**Specification**

CRLS1 Blocking Peptide (C-term) - Product Information

Primary Accession [O9UJA2](#)
Other Accession [O5U2V5](#), [O80ZM8](#), [NP_001120930.1](#),
[NP_061968.1](#)

CRLS1 Blocking Peptide (C-term) - Additional Information

Gene ID 54675

Other Names

Cardiolipin synthase, CLS, 278-, Protein GCD10 homolog, CRLS1, C20orf155, CLS1

Target/Specificity

The synthetic peptide sequence is selected from aa 213-226 of HUMAN CRLS1

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.

CRLS1 Blocking Peptide (C-term) - Protein Information

Name CRLS1

Synonyms C20orf155, CLS1

Function

Catalyzes the synthesis of cardiolipin (CL) (diphosphatidylglycerol) by specifically transferring a phosphatidyl group from CDP-diacylglycerol to phosphatidylglycerol (PG). CL is a key phospholipid in mitochondrial membranes and plays important roles in maintaining the functional integrity and dynamics of mitochondria under both optimal and stress conditions.

Cellular Location

Mitochondrion inner membrane; Multi-pass membrane protein

Tissue Location

Highly expressed in tissues such as heart, skeletal muscle and liver.

CRLS1 Blocking Peptide (C-term) - Protocols

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

- [Blocking Peptides](#)

CRLS1 Blocking Peptide (C-term) - Images**CRLS1 Blocking Peptide (C-term) - References**

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Chen, D., et al. Biochem. J. 398(2):169-176(2006)
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