

SERAC1 Blocking Peptide (N-term)

Synthetic peptide

Catalog # BP20780a

Specification

SERAC1 Blocking Peptide (N-term) - Product Information

Primary Accession

[Q96JX3](#)**SERAC1 Blocking Peptide (N-term) - Additional Information****Gene ID** 84947**Other Names**

Protein SERAC1, Serine active site-containing protein 1, SERAC1

Target/Specificity

The synthetic peptide sequence is selected from aa 41604 of HUMAN SERAC1

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.

SERAC1 Blocking Peptide (N-term) - Protein Information**Name** SERAC1**Function**

Plays an important role in the phosphatidylglycerol remodeling that is essential for both mitochondrial function and intracellular cholesterol trafficking. May catalyze the remodeling of phosphatidylglycerol and be involved in the transacylation-acylation reaction to produce phosphatidylglycerol-36:1. May be involved in bis(monoacylglycerol)phosphate biosynthetic pathway.

Cellular Location

Membrane; Single-pass membrane protein. Endoplasmic reticulum. Mitochondrion. Note=Localizes at the endoplasmic reticulum and at the endoplasmic reticulum-mitochondria interface

Tissue Location

Widely expressed, with predominant expression in fetal skeletal muscle and adult brain. In the brain, highest levels are found in the frontal and occipital cortices, cerebellum and hippocampus.

SERAC1 Blocking Peptide (N-term) - Protocols

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

- [Blocking Peptides](#)

SERAC1 Blocking Peptide (N-term) - Images

SERAC1 Blocking Peptide (N-term) - Background

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SERAC1 Blocking Peptide (N-term) - References

Ota T., et al. Nat. Genet. 36:40-45(2004).
Mungall A.J., et al. Nature 425:805-811(2003).
Tort F., et al. Mol. Genet. Metab. 110:73-77(2013).
Wortmann S.B., et al. Nat. Genet. 44:797-802(2012).