

## STAC2 Blocking Peptide(N-term)

Synthetic peptide Catalog # BP19869a

### **Specification**

## STAC2 Blocking Peptide(N-term) - Product Information

Primary Accession 06ZMT1

Other Accession <u>Q8R1B0</u>, <u>NP 945344.1</u>

## STAC2 Blocking Peptide(N-term) - Additional Information

#### Gene ID 342667

### **Other Names**

SH3 and cysteine-rich domain-containing protein 2, 24b2/STAC2, Src homology 3 and cysteine-rich domain-containing protein 2, STAC2

#### Target/Specificity

The synthetic peptide sequence is selected from aa 2-16 of HUMAN STAC2

#### **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.

## STAC2 Blocking Peptide(N-term) - Protein Information

#### Name STAC2

#### **Function**

Plays a redundant role in promoting the expression of calcium channel CACNA1S at the cell membrane, and thereby contributes to increased channel activity. Slows down the inactivation rate of the calcium channel CACNA1C.

#### **Cellular Location**

Cytoplasm, cytosol {ECO:0000250|UniProtKB:Q8R1B0}. Cell membrane {ECO:0000250|UniProtKB:Q8R1B0}; Peripheral membrane protein {ECO:0000250|UniProtKB:Q8R1B0}; Cytoplasmic side {ECO:0000250|UniProtKB:Q8R1B0}. Cell membrane, sarcolemma {ECO:0000250|UniProtKB:Q8R1B0}; Peripheral membrane protein {ECO:0000250|UniProtKB:Q8R1B0}; Cytoplasmic side {ECO:0000250|UniProtKB:Q8R1B0}. Note=Colocalizes with CACNA1C at the plasma membrane of transfected cells. {ECO:0000250|UniProtKB:Q8R1B0}



# **STAC2 Blocking Peptide(N-term) - Protocols**

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

## • Blocking Peptides

STAC2 Blocking Peptide(N-term) - Images

STAC2 Blocking Peptide(N-term) - Background

The function of this protein is unknown.

## **STAC2 Blocking Peptide(N-term) - References**

Lim, J., et al. Cell 125(4):801-814(2006)