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ATP2A3 Blocking Peptide (N-Term)

Synthetic peptide
Catalog # BP21708a

Specification

ATP2A3 Blocking Peptide (N-Term) - Product Information

Primary Accession Q93084

ATP2A3 Blocking Peptide (N-Term) - Additional Information

Gene ID 489

Other Names
Sarcoplasmic/endoplasmic reticulum calcium ATPase 3, SERCA3, SR Ca(2+)-ATPase 3, Calcium pump 3, ATP2A3

Target/Specificity
The synthetic peptide sequence is selected from aa 33-47 of HUMAN ATP2A3

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.

ATP2A3 Blocking Peptide (N-Term) - Protein Information

Name ATP2A3 (HGNC:813)

Function
This magnesium-dependent enzyme catalyzes the hydrolysis of ATP coupled with the transport of calcium. Transports calcium ions from the cytosol into the sarcoplasmic/endoplasmic reticulum lumen. Contributes to calcium sequestration involved in muscular excitation/contraction.

Cellular Location
Nucleus membrane; Multi-pass membrane protein. Endoplasmic reticulum membrane; Multi-pass membrane protein. Sarcoplasmic reticulum membrane; Multi-pass membrane protein

Tissue Location
Found in most tissues. Most abundant in thymus, trachea, salivary gland, spleen, bone marrow, lymph node, peripheral leukocytes, pancreas and colon. Also detected in fetal tissues Expressed in cell lineages of hematopoietic, epithelial, or embryonic origin and also expressed in several cancer cell lines

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ATP2A3 Blocking Peptide (N-Term) - Protocols

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

- Blocking Peptides

ATP2A3 Blocking Peptide (N-Term) - Images

ATP2A3 Blocking Peptide (N-Term) - Background

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ATP2A3 Blocking Peptide (N-Term) - References

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