10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

POPD3 Blocking Peptide (C-term)

Synthetic peptide
Catalog # BP20111b

Specification

POPD3 Blocking Peptide (C-term) - Product Information

Primary Accession	Q9HBV1
Other Accession	NP_071756.2

POPD3 Blocking Peptide (C-term) - Additional Information

Gene ID 64208

Other Names
Popeye domain-containing protein 3, Popeye protein 3, POPDC3, POP3

Target/Specificity
The synthetic peptide sequence is selected from aa 246-259 of HUMAN POPDC3

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.

POPD3 Blocking Peptide (C-term) - Protein Information

Name POPDC3

Synonyms POP3

Function
May play a role in the maintenance of heart function mediated, at least in part, through cAMP-binding. May play a role in the regulation of KCNK2/TREK-1-mediated current amplitude (PubMed:31610034).

Cellular Location
Membrane; Multi-pass membrane protein

Tissue Location
Expressed predominantly in skeletal muscle (at protein level) (PubMed:10882522, PubMed:31610034). Also detected in heart (PubMed:10882522).

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POPD3 Blocking Peptide (C-term) - Protocols

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

- Blocking Peptides

POPD3 Blocking Peptide (C-term) - Images

POPD3 Blocking Peptide (C-term) - Background

This gene encodes a member of the POP family of proteins containing three putative transmembrane domains. This gene is expressed in cardiac and skeletal muscle and may play an important role in these tissues during development. Alternatively spliced transcript variants have been found.

POPD3 Blocking Peptide (C-term) - References

Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010)
Kim, M., et al. Carcinogenesis 31(9):1685-1693(2010)
Zhao, J., et al. BMC Med. Genet. 11, 96 (2010) :
Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009)
Sulem, P., et al. Nat. Genet. 41(6):734-738(2009)