

PDPR Blocking Peptide (C-term)
Synthetic peptide
Catalog # BP12014b**Specification**

PDPR Blocking Peptide (C-term) - Product Information

Primary Accession [O8NCN5](#)
Other Accession [NP_060460.4](#)

PDPR Blocking Peptide (C-term) - Additional Information

Gene ID 55066

Other Names

Pyruvate dehydrogenase phosphatase regulatory subunit, mitochondrial, PDPr, PDPR, KIAA1990

Target/Specificity

The synthetic peptide sequence is selected from aa 836-850 of HUMAN PDPR

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.

PDPR Blocking Peptide (C-term) - Protein Information

Name PDPR

Synonyms KIAA1990

Function

Decreases the sensitivity of PDP1 to magnesium ions, and this inhibition is reversed by the polyamine spermine.

Cellular Location

Mitochondrion matrix.

PDPR Blocking Peptide (C-term) - Protocols

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

- [Blocking Peptides](#)

PDPR Blocking Peptide (C-term) - Images**PDPR Blocking Peptide (C-term) - Background**

PDPR decreases the sensitivity of PDP1 to magnesium ions, and this inhibition is reversed by the polyamine spermine (By similarity).

PDPR Blocking Peptide (C-term) - References

Sugden, M.C., et al. Am. J. Physiol. Endocrinol. Metab. 284 (5), E855-E862 (2003) : Ohara, O., et al. DNA Res. 9(2):47-57(2002) Lawson, J.E., et al. J. Biol. Chem. 272(50):31625-31629(1997)