

ADPRH Blocking Peptide (C-term) Synthetic peptide Catalog # BP20001b

### Specification

## ADPRH Blocking Peptide (C-term) - Product Information

Primary Accession Other Accession <u>P54922</u> <u>Q32KR8, NP 001116.1</u>

## ADPRH Blocking Peptide (C-term) - Additional Information

Gene ID 141

**Other Names** [Protein ADP-ribosylarginine] hydrolase, ADP-ribosylarginine hydrolase, ADP-ribose-L-arginine cleaving enzyme, ADPRH, ARH1

**Target/Specificity** The synthetic peptide sequence is selected from aa 321-334 of HUMAN ADPRH

#### 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.

### **ADPRH Blocking Peptide (C-term) - Protein Information**

Name ADPRH

Synonyms ARH1

**Function** Specifically acts as an arginine mono-ADP-ribosylhydrolase by mediating the removal of mono-ADP-ribose attached to arginine residues on proteins.

### **ADPRH Blocking Peptide (C-term) - Protocols**

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

<u>Blocking Peptides</u>

# ADPRH Blocking Peptide (C-term) - Images



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# ADPRH Blocking Peptide (C-term) - Background

The enzyme encoded by this gene catalyzes removal of mono-ADP-ribose from arginine residues of proteins in the ADP-ribosylation cycle. Unlike the rat and mouse enzymes, which require DTT for maximal activity, the human enzyme is DTT-independent.

## **ADPRH Blocking Peptide (C-term) - References**

Kernstock, S., et al. Acta Crystallogr. Sect. F Struct. Biol. Cryst. Commun. 65 (PT 5), 529-532 (2009)

Lamesch, P., et al. Genomics 89(3):307-315(2007) Weber, F., et al. J. Clin. Endocrinol. Metab. 90(2):1149-1155(2005) Glowacki, G., et al. Protein Sci. 11(7):1657-1670(2002) Zolkiewska, A., et al. Adv. Exp. Med. Biol. 419, 297-303 (1997) :