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ADPRH Blocking Peptide (C-term)

Synthetic peptide
Catalog # BP20001b

Specification

ADPRH Blocking Peptide (C-term) - Product Information

Primary Accession	P54922
Other Accession	Q32KR8, NP_001116.1

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.

- Blocking Peptides

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) :