

LHPP Blocking Peptide (Center)
Synthetic peptide
Catalog # BP22044c**Specification**

LHPP Blocking Peptide (Center) - Product Information

Primary Accession [Q9H008](#)
Other Accession [Q0VD18](#)

LHPP Blocking Peptide (Center) - Additional Information

Gene ID 64077

Other Names

Phospholysine phosphohistidine inorganic pyrophosphate phosphatase, hLHPP, 3.1.3.-, 3.6.1.1, LHPP

Target/Specificity

The synthetic peptide sequence is selected from aa 104-116 of HUMAN LHPP

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.

LHPP Blocking Peptide (Center) - Protein Information

Name LHPP

Function

Phosphatase that hydrolyzes imidodiphosphate, 3- phosphohistidine and 6-phospholysine. Has broad substrate specificity and can also hydrolyze inorganic diphosphate, but with lower efficiency (By similarity).

Cellular Location

Cytoplasm. Nucleus

Tissue Location

Expressed in brain, and at lower levels in liver and kidney. Detected in thyroid (at protein level). Expressed in liver, kidney and moderately in brain.

LHPP Blocking Peptide (Center) - Protocols

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

- [Blocking Peptides](#)

LHPP Blocking Peptide (Center) - Images

LHPP Blocking Peptide (Center) - Background

Phosphatase that hydrolyzes imidodiphosphate, 3- phosphohistidine and 6-phospholysine. Has broad substrate specificity and can also hydrolyze inorganic diphosphate, but with lower efficiency (By similarity).

LHPP Blocking Peptide (Center) - References

Yokoi F.,et al.J. Biochem. 133:607-614(2003).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Deloukas P.,et al.Nature 429:375-381(2004).
Koike E.,et al.Biochem. Biophys. Res. Commun. 341:691-696(2006).