

MOUSE Dpys Blocking Peptide (C-term)

Synthetic peptide

Catalog # BP21077a

Specification

MOUSE Dpys Blocking Peptide (C-term) - Product Information

Primary Accession

[Q9EQF5](#)**MOUSE Dpys Blocking Peptide (C-term) - Additional Information****Gene ID** 64705**Other Names**

Dihydropyrimidinase, DHP, DHPase, Dihydropyrimidine amidohydrolase, Hydantoinase, Dpys

Target/Specificity

The synthetic peptide sequence is selected from aa 470-481 of HUMAN Dpys

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.

MOUSE Dpys Blocking Peptide (C-term) - Protein Information**Name** Dpys**Function**

Catalyzes the second step of the reductive pyrimidine degradation, the reversible hydrolytic ring opening of dihydropyrimidines. Can catalyze the ring opening of 5,6-dihydrouracil to N-carbamyl-alanine and of 5,6-dihydrothymine to N-carbamyl-amino isobutyrate (By similarity).

MOUSE Dpys Blocking Peptide (C-term) - Protocols

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

- [Blocking Peptides](#)

MOUSE Dpys Blocking Peptide (C-term) - Images**MOUSE Dpys Blocking Peptide (C-term) - Background**

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MOUSE Dpys Blocking Peptide (C-term) - References

Fukada M.,et al.J. Biol. Chem. 275:37957-37965(2000).

Chang C.J.,et al.Submitted (JAN-2000) to the EMBL/GenBank/DDBJ databases.

Carninci P.,et al.Science 309:1559-1563(2005).