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DBH Blocking Peptide (Center)

Synthetic peptide
Catalog # BP21423c

Specification

DBH Blocking Peptide (Center) - Product Information

Primary Accession P09172

DBH Blocking Peptide (Center) - Additional Information

Gene ID 1621

Other Names
Dopamine beta-hydroxylase, Dopamine beta-monooxygenase, Soluble dopamine beta-hydroxylase, DBH

Target/Specificity
The synthetic peptide sequence is selected from aa 270-283 of HUMAN DBH

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.

DBH Blocking Peptide (Center) - Protein Information

Name DBH

Function
Catalyzes the hydroxylation of dopamine to noradrenaline (also known as norepinephrine), and is thus vital for regulation of these neurotransmitters.

Cellular Location
[Soluble dopamine beta-hydroxylase]: Cytoplasmic vesicle, secretory vesicle lumen Cytoplasmic vesicle, secretory vesicle, chromaffin granule lumen. Secreted

DBH Blocking Peptide (Center) - Protocols

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

- Blocking Peptides

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DBH Blocking Peptide (Center) - Images

DBH Blocking Peptide (Center) - Background

Conversion of dopamine to noradrenaline.

DBH Blocking Peptide (Center) - References

Humphray S.J.,et al.Nature 429:369-374(2004).
Lamouroux A.,et al.EMBO J. 6:3931-3937(1987).
Kobayashi K.,et al.Nucleic Acids Res. 17:1089-1102(1989).
Li B.,et al.Biochem. J. 313:57-64(1996).
Liu T.,et al.J. Proteome Res. 4:2070-2080(2005).