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Nitric Oxide Synthase (599-613) Blocking Peptide, Bovine Endothelial Cell
Synthetic Peptide
Catalog # SP3593b

Specification

Nitric Oxide Synthase (599-613) Blocking Peptide, Bovine Endothelial Cell - Product Information

Primary Accession	P29473
Sequence	**Ac-PYNSSPRPEQHKSYKC-COOH**

Nitric Oxide Synthase (599-613) Blocking Peptide, Bovine Endothelial Cell - Additional Information

Other Names
Nitric oxide synthase, endothelial, Constitutive NOS, cNOS, EC-NOS, Endothelial NOS, eNOS, NOS type III, NOSIII, NOS3

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.

Nitric Oxide Synthase (599-613) Blocking Peptide, Bovine Endothelial Cell - Protein Information

Name NOS3

Function
Produces nitric oxide (NO) which is implicated in vascular smooth muscle relaxation through a cGMP-mediated signal transduction pathway. NO mediates vascular endothelial growth factor (VEGF)-induced angiogenesis in coronary vessels and promotes blood clotting through the activation of platelets.

Cellular Location
Cell membrane. Membrane, caveola. Cytoplasm, cytoskeleton. Golgi apparatus. Note=Specifically associates with actin cytoskeleton in the G2 phase of the cell cycle; which is favored by interaction with NOSIP and results in a reduced enzymatic activity

Nitric Oxide Synthase (599-613) Blocking Peptide, Bovine Endothelial Cell - Images