

Exendin-4
Synthetic Peptide
Catalog # SP2809b**Specification**

Exendin-4 - Product Information

Primary Accession	P26349
Other Accession	C6EVG1
Sequence	NH2-HGEGTFTSDLSKQMEEEAVRLFIEWLKNG GPSSGAPPPS-CONH2

Exendin-4 - Additional Information**Other Names**

Exendin-4, Exenatide, EXE4

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.

Exendin-4 - Protein Information

Name EXE4

Function

Venom protein that mimics the incretin hormone glucagon-like peptide 1 (GLP-1). It stimulates insulin synthesis and secretion, protects against beta-cell apoptosis in response to different insults, and promotes beta-cell proliferation. It also promotes satiety, reduces food intake, reduces fat deposition, reduces body weight and inhibits gastric emptying. Interacts with GLP-1 receptor (GLP1R). Induces hypotension that is mediated by relaxation of cardiac smooth muscle.

Cellular Location

Secreted.

Tissue Location

Expressed by the venom gland.

Exendin-4 - Images