

### beta-Endorphin, rat

Synthetic Peptide Catalog # SP3346a

## **Specification**

#### beta-Endorphin, rat - Product Information

Primary Accession Sequence

P01194

NH2-YGGFMTSEKSQTPLVTLFKNAIIKNVHKK

**GQ-COOH** 

## beta-Endorphin, rat - Additional Information

#### **Other Names**

Pro-opiomelanocortin, POMC, Corticotropin-lipotropin, NPP, Melanotropin gamma, Gamma-MSH, Corticotropin, Adrenocorticotropic hormone, ACTH, Melanotropin alpha, Alpha-MSH, Corticotropin-like intermediary peptide, CLIP, Lipotropin beta, Beta-LPH, Lipotropin gamma, Gamma-LPH, Melanotropin beta, Beta-MSH, Beta-endorphin, Met-enkephalin, Pomc, Pomc2

#### **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.

# beta-Endorphin, rat - Protein Information

## Name Pomc

Synonyms Pomc2

#### **Function**

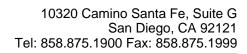
[Corticotropin]: Stimulates the adrenal glands to release cortisol. [Melanocyte-stimulating hormone beta]: Increases the pigmentation of skin by increasing melanin production in melanocytes. [Met-enkephalin]: Endogenous opiate.

#### **Cellular Location**

Secreted {ECO:0000250|UniProtKB:P01193}. Note=Melanocyte-stimulating hormone alpha and beta-endorphin are stored in separate granules in hypothalamic POMC neurons, suggesting that secretion may be under the control of different regulatory mechanisms {ECO:0000250|UniProtKB:P01193}

### **Tissue Location**

ACTH and MSH are produced by the pituitary gland.





beta-Endorphin, rat - Images