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Ac, beta-Endorphin (1-27), camel, bovine, ovine

Synthetic Peptide
Catalog # SP3572a

Specification

Ac, beta-Endorphin (1-27), camel, bovine, ovine - Product Information

Primary Accession	P01190
Sequence	(Ac)YGGFMTSEKSQTPLVTLFKNAIIKNAH-COOH

Ac, beta-Endorphin (1-27), camel, bovine, ovine - Additional Information

Gene ID 281416

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

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.

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Name POMC

Function
[Corticotropin]: Stimulates the adrenal glands to release cortisol. [Beta-endorphin]: Endogenous orexigenic 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.

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