

本公司提供的电子版本说明书仅供参考，实验请以收到的纸质手册为准。

POMC, 27-267aa, Human, His tag, E.coli

产品货号: TP03471

第三版

别名: Pro-opiomelanocortin preproprotein, ACTH, CLIP, LPH, MSH, NPP, POC

描述: Pro-opiomelanocortin preproprotein, also known as POMC, a polypeptide hormone precursor that undergoes extensive, tissue-specific, post-translational processing via cleavage by subtilisin-like enzymes known as prohormone convertases. It regulates the corticosteroid production in the adrenal cortex. Also, POMC is cleaved into ten hormone chains named NPP, -MSH, ACTH, -MSH, CLIP, Lipotropin, Lipotropin, -MSH, endorphin and Met-enkephalin.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.5) containing 1mM DTT, 50% glycerol, 0.2M NaCl, 0.1mM PMSF, 100mM Imidazole.

分子量: 28.9 kDa (262aa), confirmed by MALDI-TOF (molecular weight on SDS-PAGE will appear higher)

序列:

MGSSHHHHHSSGLVPRGSHMWCLESSQCQDLTTESNLLECI RACKPDL SAETPMFPGNGDEQPLTENPRKYVMGHFR
WDRFGRRN SSSSGS GAGQKREDVSAGEDCGPLPEGGPEPRSDGAKPGPREGKRSYSMEHFRWGPVGGKRRPVKVYPN
GAEDESA EAFPLEFKRELTGQRLREGDGPDPADDGAGA QADLEH SLLVAAEKKDEGPYRMEHFRWGSPPKDKRYGGF
MTSEKSQTPLVTLFKNAIIKNAYKKGE

纯度: > 95% by HPLC

浓度: 0.25 mg/ml (determined by Bradford assay)

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.