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MUP1, 19-180aa, Mouse His tag, E.coli

产品货号: TP03048

第三版

别名: Major urinary protein 1 isoform b precursor, Ltn-1, Lvtm-1, Mup-1, Mup-a, Mup10, Mup7, Up-1

描述: MUP1 is a subfamily of proteins found in abundance in the urine and other secretions of many animals. It provides a small range of identifying information about the donor animal, when detected by the vomeronasal organ of the receiving animal. It can also act as protein pheromones themselves. It has been demonstrated to promote aggression in male mice, and one specific Mup protein found in male mouse urine is sexually attractive to female mice. Recombinant mouse MUP1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

配方: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol. 0.1M NaCl

分子量: 21.1 kDa(185aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGSEEASSTGRNFNVEKINGEWHTIILASDKREKIEDNGNFRLFLEQIHVLENSLVLFKHT  
VRDEECSELSMVADKTEKAGEYSVTYDGFNTFTIPKTDYDNFLMAHLINEKDGETFQLMGLYGREPDLSSDIKERFAQLCE  
KHGILRENIIDLSNANRCLQARE

纯度: > 95% by HPLC

浓度: 1.0 mg/ml (determined by BCA 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.