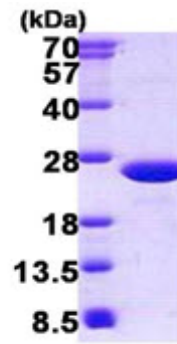


AR50884PU-S**Mouse MUP1 (19-180, His-tag) - Purified**

Alternate names:	Ltn-1, Lvtn-1, Major urinary protein 1 isoform b precursor, Mup-1, Mup-a, Mup10, Mup7, Up-1
Quantity:	0.1 mg
Concentration:	1.0 mg/ml (determined by BCA assay)
Background:	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.
Uniprot ID:	A2CEL1
NCBI:	NP_001156482
Species:	Mouse
Source:	E. coli
Format:	State: Liquid purified protein Purity: >95% by SDS - PAGE Buffer System: 20mM Tris-HCl buffer (pH8.0) containing 10% Glycerol, 0.1M NaCl
Description:	Recombinant Mouse MUP1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography. AA Sequence: <u>MGSSHHHHHH</u> <u>SSGLVPRGSH</u> <u>MGSEEASSTG</u> RNFNVEKING EWHTIILASD KREKIEDNGN FRLFLEQIHV LENSILVLKFKH TVRDEECSEL SMVADKTEKA GEYSVTYDGF NTFITPKTDY DNFLMAHLIN EKDGETFQLM GLYGREPDLS SDIKERFAQL CEKHGILREN IIDLSNANRC LQARE Molecular weight: 21.1 kDa (185aa) confirmed by MALDI-TOF
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Logan DW. et al. (2008) PLoS One. 3:e3280. Finlayson JS. et al. (1965) Science. 149:981-982.

Pictures:



15% SDS-PAGE (3ug)