

Product datasheet for AR50884PU-S

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MUP1 (19-180, His-tag) Mouse Protein

Product data:

Product Type: Recombinant Proteins

Description: MUP1 (19-180, His-tag) mouse recombinant protein, 0.1 mg

Species: Mouse Expression Host: E. coli

Expression cDNA Clone MGSSHHHHHH SSGLVPRGSH MGSEEASSTG RNFNVEKING EWHTIILASD KREKIEDNGN

or AA Sequence: FRLFLEQIHV LENSLVLKFH TVRDEECSEL SMVADKTEKA GEYSVTYDGF NTFTIPKTDY DNFLMAHLIN

EKDGETFQLM GLYGREPDLS SDIKERFAQL CEKHGILREN IIDLSNANRC LQARE

Tag: His-tag

Predicted MW: 21.1 kDa

Concentration: lot specific

Purity: >95% by SDS - PAGE

Buffer: Presentation State: Purified

State: Liquid purified protein

Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% Glycerol, 0.1M NaCl

Preparation: Liquid purified protein

Protein Description: Recombinant Mouse MUP1 protein, fused to His-tag at N-terminus, was expressed in E.coli

and purified by using conventional chromatography.

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.

Stability: Shelf life: one year from despatch.

RefSeq: NP 001156482

 Locus ID:
 17840

 UniProt ID:
 A2CEL1

 Cytogenetics:
 4 32.85 cM

Synonyms: Ltn-1; Lvtn-1; Mup-1; Mup-a; Mup7; Mup10; Up-1

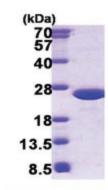




Summary:

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.

Product images:



15% SDS-PAGE (3ug)