

## Product datasheet for **AR50884PU-N**

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

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	MUP1 (19-180, His-tag) mouse recombinant protein, 0.5 mg
<b>Species:</b>	Mouse
<b>Expression Host:</b>	E. coli
<b>Expression cDNA Clone or AA Sequence:</b>	<u>MGSSHHHHHH</u> <u>SSGLVPRGSH</u> <u>MGSEEASSTG</u> RNFNVEKING EWHTIILASD KREKIEDNGN FRLFLEQIHV LENSFLVKFH TVRDEECSEL SMVADKTEKA GEYSVTYDGF NTFTIPKTDY DNFLMAHLIN EKDGTFQLM GLYGREPDLSDIKERFAQL CEKHGILREN IIDLSNANRC LQARE
<b>Tag:</b>	His-tag
<b>Predicted MW:</b>	21.1 kDa
<b>Concentration:</b>	lot specific
<b>Purity:</b>	>95% by SDS - PAGE
<b>Buffer:</b>	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% Glycerol, 0.1M NaCl
<b>Preparation:</b>	Liquid purified protein
<b>Protein Description:</b>	Recombinant Mouse MUP1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.
<b>Storage:</b>	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.
<b>Stability:</b>	Shelf life: one year from despatch.
<b>RefSeq:</b>	<u>NP_001156482</u>
<b>Locus ID:</b>	17840
<b>UniProt ID:</b>	<u>A2CEL1</u>
<b>Cytogenetics:</b>	4 32.85 cM
<b>Synonyms:</b>	Ltn-1; Lvtn-1; Mup-1; Mup-a; Mup7; Mup10; Up-1



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**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:**