

Product datasheet for **AR50884PU-S**

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 or AA Sequence:	<u>MGSSHHHHHH</u> <u>SSGLVPRGSH</u> <u>MGSEEASSTG</u> RNFNVEKING EWHTIILASD KREKIEDNGN FRLFLEQIHV LENSFLVKFH TVRDEECSEL SMVADKTEKA GEYSVTYDGF NTFTIPKTDY DNFLMAHLIN EKDGETFQLM GLYGREPDLSDIKERFAQL 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:	<u>NP_001156482</u>
Locus ID:	17840
UniProt ID:	<u>A2CEL1</u>
Cytogenetics:	4 32.85 cM
Synonyms:	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: