9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

MUP1 Mouse

Major Urinary Protein 1 Mouse Recombinant
RCP1416

Product Overview

Name	MUP1 Mouse
Description	
Major Urinary Protein 1 Mouse Recombinant	
Accession (Primary)	A2CEL1
Synonyms	
Ltn-1, Lvtn-1, Mup-1, Mup-a, Mup10, Mup7, Up-1, Major urinary protein 1, Major urinary protein 7.	
Introduction	
MUP1 is a subfamily of proteins appears highly in the urine and other secretions of various animals. MUP1 provides a minor range of identifying information regarding the donor animal, once detected by the vomeronasal organ of the receiving animal. MUP1 can as well act as protein pheromones themselves. MUP1has been shown to encourage aggression in male mice, and 1 specific Mup protein found in male mouse urine is sexually attractive to female mice.	
Source	
E.coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
The MUP1 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 10% glycerol and 0.1M NaCl.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 95% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS EEASSTG RNFNVEKING EWHTIILASD KREKIEDNGN FRLFLEQIHV LENSLVLKFH TVRDEECSEL SMVADKTEKA GEYSVTYDGF NTFTIPKTDY DNFLMAHLIN EKDGETFQLM GLYGREPDLS SDIKERFAQL CEKHGILREN IIDLSNANRC LQARE.	
Precautions	
MUP1 Mouse is for research use only and not for use in diagnostic or therapeutic procedures.	

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Target Information: (A2CEL1)