

32-4252: Recombinant Mouse Major Urinary Protein 1

Alternative Name : Ltn-1,Lvtn-1,Mup-1,Mup-a,Mup10,Mup7,Up-1,Major urinary protein 1,Major urinary protein 7.

Description

Source : E.coli. MUP1 Mouse Recombinant produced in E. coli is a single polypeptide chain containing 185 amino acids (19-180) and having a molecular mass of 21.1kDa. MUP1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. 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. MUP1 has been shown to encourage aggression in male mice, and 1 specific Mup protein found in male mouse urine is sexually attractive to female mice.

Product Info

Amount :	20 µg
Purification :	Greater than 95% as determined by SDS-PAGE.
Content :	The MUP1 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 10% glycerol and 0.1M NaCl.
Storage condition :	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.
Amino Acid :	MGSSHHHHHH SGLVPRGSH MGSEEASSTG RNFNVEKING EWHTILASD KREKIEDNGN FRLFLEQIHV LENSFLVKFH TVRDEECSEL SMVADKTEKA GEYSVTYDGF NTFTIPKTDY DNFLMAHLIN EKDGETFQLM GLYGREPDLS SDIKERFAQL CEKHGILREN IIDLSNANRC LQARE.

