

Major urinary protein 6 Protein, Mouse (His-SUMO)

Cat. No.:	HY-P71503
Synonyms:	Alpha-2U-globulin; BS6; Group 1; Major urinary protein 6; MUP 6; Mup6; MUP6_MOUSE
Species:	Mouse
Source:	E. coli
Accession:	P02762 (1M-180E)
Gene ID:	100038948
Molecular Weight:	Approximately 36.6 kDa

PROPERTIES

AA Sequence	<p>M K M L L L L C L G L T L V C V H A E E A S S T G R N F N V E K I N G E W H T I</p> <p>I L A S D K R E K I E D N G N F R L F L E Q I H V L E N S L V L K F H T V R D E</p> <p>E C S E L S M V A D K T E K A G E Y S V T Y D G F N T F T I P K T D Y D N F L M</p> <p>A H L I N E K D G E T F Q L M G L Y G R E P D L S S D I K E R F A Q L C E E H G</p> <p>I L R E N I I D L S N A N R C L Q A R E</p>
Appearance	Lyophilized powder.
Formulation	Lyophilized after extensive dialysis against solution in Tris-based buffer, 50% glycerol.
Endotoxin Level	<1 EU/μg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH ₂ O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	<p>The Major Urinary Protein 6 (MUP6) plays a pivotal role in chemical communication by binding to pheromones released from drying urine of males. This interaction with male-derived pheromones has a significant impact on the sexual behavior of females, influencing their responses and contributing to the regulation of mating behaviors. The ability of MUP6 to bind specifically to these pheromones underscores its essential role in mediating chemical signaling and communication within the context of reproductive and social behaviors in the animal kingdom.</p>
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Caution: Product has not been fully validated for medical applications. For research use only.

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