

LRPAP1 Protein, Mouse (HEK293, C-His)

Cat. No.:	HY-P76479A
Synonyms:	Alpha-2-macroglobulin receptor-associated protein; Alpha-2-MRAP; RAP; A2MRAP
Species:	Mouse
Source:	HEK293
Accession:	Q52K17 (Q29-L360)
Gene ID:	16976
Molecular Weight:	Approximately 41.59 kDa

PROPERTIES

AA Sequence	<pre> Q P I A G H G G K Y S R E K N E P E M A A K R E S G E E F R M E K L N Q L W E K A K R L H L S P V R L A E L H S D L K I Q E R D E L N W K K L K V E G L D K D G E K E A K L I H N L N V I L A R Y G L D G R K D A Q M V H S N A L N E D T Q D E L G D P R L E K L W H K A K T S G K F S S E E L D K L W R E F L H Y K E K I Q E Y N V L L D T L S R A E E G Y E N L L S P S D M A H I K S D T L I S K H S E L K D R L R S I N Q G L D R L R K V S H Q G Y G S T T E F E E P R V I D L W D L A Q S A N F T E K E L E S F R E E L K H F E A K I E K H N H Y Q K Q L E I S H Q K L K H V E S I G D P E H I S R N K E K Y V L L E E K T K E L G Y K V K K H L Q D L S S R V S R A R H N E L </pre>
Biological Activity	Immobilized LRPAP1 at 2 µg/mL (100 µL/well) can bind Biotinylated VLDLR protein. The ED ₅₀ for this effect is 0.5374 nM.
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.22 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.
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. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
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. It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

Caution: Product has not been fully validated for medical applications. For research use only.

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