
Product Data Sheet

Product Name: LRPAP1 Mouse
 Cat. No.: GP23832
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Low density lipoprotein-related protein-associated protein 1 (alpha-2-macroglobulin receptor-associated protein 1); A2MRAP; HBP44; RAP; A2RAP; Alpha-2-MRAP.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSQPIAGHG GKYSREKNEP EMAAKRESGE EFRMEKLNQL WEKAKRLHLSPVRLAELHSD LKIQERDELN WKKLKVEGLD KDGEKEAKLI HNLNVILARY GLDGRKDAQM VHSNALNEDTQDELGDPRLE KLWHKAKTSG KFSSEELDKL WREFLHYKEK IQEYNVLLDT LSRAEEGYEN LLSPSDMAHIKSDLISKHS ELKDRLRSIN QGLDRLRKVS HQGYGSTTEF EEPRLVDLWD LAQSANFTEK ELESFREELKHFEAKIEKHN HYQKQLEISH QKLKHVESIG DPEHISRNKE KYVLLEEKTK ELGYKVKKHL QDLSSRVSRARHNEL.		
Formulation	LRPAP1 protein solution (1mg/ml) containing Phosphatebuffered saline (pH7.4) and 10% glycerol.		

Introduction

LRPAP1 is a member of the alpha-2-MRAP family. LRPAP1 cooperates with LRP1/alpha-2-macroglobulin receptor and glycoprotein 330. LRPAP1, located on the cell surface, creates a complex with the alpha 2 macroglobulin receptor light and heavy chains and has part in the pathogenesis of membrane glomerular nephritis.

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.

Background

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

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LRPAP1 Mouse Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 355 amino acids (29-360 a.a) and having a molecular mass of 41.4kDa. LRPAP1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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