
Product Data Sheet

Product Name: LRPAP1 Human
 Cat. No.: GP23831
 Batch No.: 1

Product Data

Purity	>98%	Source	E.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 MGSHMYSREK NQPKPSPKRE SGEEFRMEKL NQLWEKAQRL HLPPVRLAEL HADLKIQUERD ELAWKKLKLD GLDEGEKEA RLIRNLNVIL AKYGLDGKKD ARQVTSNSLS GTQEDGLDDP RLEKLWHKAK TSGKFSGEEL DKLWREFLHH KEKVHEYNVL LETLSRTEEI HENVISPSDL SDIKGSVLHS RHTELKEKLR SINQGLDRLR RVSHQGYSTE AEFEEPRVID LWDLAQSANL TDKELEAFRE ELKHFEAKIE KHNHYQKQLE IAHEKLRHAE SVGDGERVSR SREKHALLEG RTKELGYTVK KHLQDLSGRI SRARHNEL		
Formulation	The LRPAP1 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT and 20% 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

LRPAP1 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide

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

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chain containing 348 amino acids (35-357) and having a molecular mass of 40.4kDa. LRPAP1 is fused to a 25 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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