

**LRPAP1, 35-357aa, Human, His tag, E.coli**

**Cat.NO.: TP02845**

---

3th Edition

**Synonyms:**Alpha-2-macroglobulin receptor-associated protein, A2MRAP, A2RAP, HBP44, MGC138272, MRAP, RAP.

**Description:**LRPAP1, also known as alpha-2-macroglobulin receptor-associated protein, belongs to the alpha-2-MRAP family. This protein interacts with LRP1/alpha-2-macroglobulin receptor and glycoprotein 330. It is present on the cell surface forming a complex with the alpha 2 macroglobulin receptor heavy and light chains. In complex with the alpha 2 MR or gp330, it may have some role in the pathogenesis of membrane glomerular nephritis.

**Form:**Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol 1mM DTT

**Molecular Weight:**40.4 kDa (348aa), confirmed by MALDI-TOF

**Sequences:**

MGSSHHHHHSSGLVPRGSHMGSHMYSREKNQPKPSPKRESGEEFRMEKLNQLWEKAQRLHLPVRLAELHAD  
LKIQRDELAWKKLKDGLDEDEGEKEARLIRNLNVILAKYGLDGKKDARQVTSNSLSGTQEDGLDDPRLEKLWHKA  
KTSGKFSGEELDKLWREFLHHKEKVHEYNVLETLRTEEIHENVISPSDLSDIKGSVLHSRHTELKEKLR SINQGLD  
RLRRVSHQGYSTAEFEPRVIDLWDLAQSANLTDKELEAFREELKHFEAKIEKHNHYQKQLEIAHEKLRHAESVGD  
GERVSRSRREKHALLLEGRTKELGYTVKKHLQDLSGRISRARHNEL

**Purity:**> 95% by HPLC

**Concentration:**1.0 mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.