

Low Density Lipoprotein Receptor-Related Protein Associated Protein 1

Item Number	rAP-3173
Synonyms	Low density lipoprotein-related protein-associated protein 1 (alpha-2-macroglobulin receptor-associated protein 1), A2MRAP, HBP44, RAP, A2RAP, Alpha-2-MRAP.
Description	LRPAP1 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide 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.
Uniprot Accession Number	P30533
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGS HMYSREK NQPKPSPKRE SGEEFRMEKL NQLWEKAQRL HLPPVRLAEL HADLKIQRD ELAWKKLKLD GLDEGEKEA RLIRNLNVIL AKYGLDGKGD ARQVTSNSLS GTQEDGLDDP RLEKLWHKAK TSGKFSGEEL DKLWREFLHH KEKVHEY NVL LETLSRTEEI HEN- VISPSDL SDIKGSVLHS RHTELKEKLR SINQGLDRLR RVSHQGYSTE AEFEEPRVID LWDLAQSANL TDKELEAFRE ELKHFEAKIE KHNHYQKQLE IAHEKLRHAE SVGDGERVSR SREKHALLG RTKELGYTVK KHLQDLSGRI SRARHNEL
Source	E.coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. 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.
Formulation and Purity	The LRPAP1 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT and 20% glycerol. Greater than 90% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**