

Product datasheet for **AR09364PU-S**

LRPAP1 / A2MRAP (His-tagged, myc-tagged) Rat Protein

Product data:

Product Type:	Recombinant Proteins
Description:	LRPAP1 / A2MRAP (His-tagged, myc-tagged) rat protein, 0.1 mg
Species:	Rat
Expression Host:	E. coli
Tag:	His-tagged, myc-tagged
Predicted MW:	40 kDa
Concentration:	lot specific
Purity:	>95% determined by SDS gelelectrophoresis
Buffer:	Presentation State: Purified State: Lyophilised purified protein Buffer System: TBS, pH 7.5, 0.1% BSA, 0.09% NaN ₃
Reconstitution Method:	Restore with 100 µl (100µg), 250 µl (250µg) or 500 µl (500µg) distilled water
Preparation:	Lyophilised purified protein
Applications:	Protein standard in 1D and 2D SDS gelelectrophoresis. Immunoblotting. Receptor-binding studies.
Protein Description:	Rat his:RAP:c-myc fusion protein
Note:	Ligand binding to RAP is Ca ²⁺ dependent and e.g. lipid receptors can be released from RAP by a buffer containing 10 mM EDTA (cf. Bajari et al. 2005, see ref. below). Furthermore, buffers containing phosphate should be avoided (it would form precipitates with Ca ²⁺).
Storage:	Prior to reconstitution store at 2-8°C. Following reconstitution store the antibody undiluted at -20°C for one month or (in aliquots) at -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001162584
Locus ID:	116565
UniProt ID:	Q99068



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Cytogenetics: 14q21

Summary: Molecular chaperone for LDL receptor-related proteins that may regulate their ligand binding activity along the secretory pathway.[UniProtKB/Swiss-Prot Function]