

Product datasheet for **AR09053PU-L**

PPP1R1A (1-171, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	PPP1R1A (1-171, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MEQDNSPRKI QFTVPLLEPH LDPEAAEQIR RRRPTPATLV LTSDQSSPEI DEDRIPNPHL KSTLAMSPRQ RKKMTRITPT MKELQMMVEH HLGQQQQGEE PEGAAESTGT QESRPPGIPD TEVESRLGTS GTAKKTAECI PKTHERGSKE PSTKEPSTHI PPLDSKGANS VLEHHHHHHH
Tag:	His-tag
Concentration:	lot specific
Purity:	≥90
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 50 mM Tris pH 8.0, 0.1 mM PMSF, 1 mM EDTA, 1 mM DTT, 10% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human IPP-1, fused to His-tag at C-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store (in aliquots) at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_006732
Locus ID:	5502
UniProt ID:	Q13522
Cytogenetics:	12q13.2
Synonyms:	I1; IPP1
Summary:	Inhibitor of protein-phosphatase 1. This protein may be important in hormonal control of glycogen metabolism. Hormones that elevate intracellular cAMP increase I-1 activity in many tissues. I-1 activation may impose cAMP control over proteins that are not directly phosphorylated by PKA. Following a rise in intracellular calcium, I-1 is inactivated by calcineurin (or PP2B). Does not inhibit type-2 phosphatases.[UniProtKB/Swiss-Prot Function]



[View online »](#)

Protein Families: Druggable Genome

Protein Pathways: Long-term potentiation

Product images:

