

Product datasheet for **AR50849PU-S**

POP4 (1-220, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	POP4 (1-220, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMKSVIYH ALSQKEANDS DVQPSGAQRA EAFVRAFLKR STPRMSPQAR EDQLQRKAVV LEYFTRHKRK EKKKKAKGLS ARQRRELRLF DIKPEQQRYS LFLPLHELWK QYIRDLC SGL KPDTQPQMIQ AKLLKADLHG AIVTSKSKC PSYVGITGIL LQETKHIFKI ITKEDRLKVI PKLNCVFTVE TDGFISYIYG SKFQLRSSER SAKKFKAKGT IDL
Tag:	His-tag
Predicted MW:	27.8 kDa
Concentration:	lot specific
Purity:	>85% by SDS - PAGE
Buffer:	Presentation State: This purified protein is available in a denatured form, making it less suitable for functional studies. Denatured proteins are better suited for applications like Western Blot (WB) or imaging assays. State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.4M UREA, 10% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human POP4 protein, fused to His-tag at N-terminus, was expressed in E.coli.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_006618
Locus ID:	10775
UniProt ID:	O95707
Cytogenetics:	19q12
Synonyms:	hPOP4, RPP29



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Summary:

This gene encodes one of the protein subunits of the small nucleolar ribonucleoprotein complexes: the endoribonuclease for mitochondrial RNA processing complex and the ribonuclease P complex. The encoded protein is localized to the nucleus and associates directly with the RNA component of these complexes. This protein is involved in processing of precursor RNAs. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2009]

Product images: