

Product datasheet for **AR51281PU-N**

PRPSAP2 (1-369, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	PRPSAP2 (1-369, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMFCVTPP ELETKMNITK GGLVLFSA NSSCMELSKK IAERLGVEMG KVQVYQEPNR ETRVQIQESV RGKDVFIQT VSKDVNTTIM ELLIMVYACK TSCAKSIIGV IPYFPYSKQC KMRKRGSIVS KLLASMMCKA GLTHLITMDL HQKEIQGFN IPVDNLRASP FLLQYIQEEI PDYRNAVIVA KSPASAKRAQ SFAERLRLGI AVIHGEAQDA ESDLVDGRHS PPMVRSVA AI HPSLEIPMLI PKEKPPITVW GDVGGRIAI VDDIIDDVDS FLAAAETLKE RGAYKIFVMA THGLLSSDAP RRIEESAIDE VVVTNTIPHE VQKLQCPKIK TVDISMILSE AIRRIHNGES MSYLFRNIGL DD
Tag:	His-tag
Predicted MW:	43.3 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human PRPSAP2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
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_001230865
Locus ID:	5636
UniProt ID:	O60256
Cytogenetics:	17p11.2



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Synonyms: PAP41

Summary: This gene encodes a protein that associates with the enzyme phosphoribosylpyrophosphate synthetase (PRS). PRS catalyzes the formation of phosphoribosylpyrophosphate which is a substrate for synthesis of purine and pyrimidine nucleotides, histidine, tryptophan and NAD. PRS exists as a complex with two catalytic subunits and two associated subunits. This gene encodes a non-catalytic associated subunit of PRS. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Sep 2011]

Protein Families: Druggable Genome

Product images:

