

## 32-4502: Phosphoribosyl Pyrophosphate Synthetase-Associated Protein 2

**Alternative Name :** PAP41, Phosphoribosyl pyrophosphate synthase-associated protein 2, PRPP synthase-associated protein 2, 41 kDa phosphoribosylpyrophosphate synthetase-associated protein, PRPSAP2.

### Description

Source : Escherichia Coli. PRPSAP2 Human Recombinant produced in E. coli is a single polypeptide chain containing 392 amino acids (1-369) and having a molecular mass of 43.3kDa. PRPSAP2 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Phosphoribosyl Pyrophosphate Synthetase-Associated Protein 2 (PRPSAP2) is a protein which relates with the enzyme phosphoribosylpyrophosphate synthetase (PRS). PRS catalyzes the formation of phosphoribosylpyrophosphate which is a substrate for synthesis of purine, pyrimidine, histidine, tryptophan and NAD. PRS is a complex with 2 catalytic subunits and 2 associated subunits. PRPSAP2 encodes a non-catalytic associated subunit of PRS.

### Product Info

**Amount :** 20 µg  
**Purification :** Greater than 90% as determined by SDS-PAGE.  
**Content :** The PRPSAP2 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 20% glycerol and 1mM DTT.  
**Storage condition :** 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.  
**Amino Acid :** MGSSHHHHHH SGLVPRGSH MGSMFCVTPP ELETKMNITK GGLVLFNSANS NSSCMELSKK  
IAERLGVEMG KVQVYQEPNR ETRVQIQESV RGKDVFIQT VSKDVNTTIM ELLIMVYACK TSCAKSIIGV  
IPYFPYSKQC KMRKRGSIVS KLLASMMCKA GLTHLITMDL HQKEIQGFFN IPVDNLRASP FLLQYIQEEI  
PDYRNAVIVA KSPASAKRAQ SFAERLRGI AVIHGEAQDA ESDLVDGRHS PPMVRSVAAI HPSLEIPMLI  
PKEKPPITVV GDVGGRIAI VDDIIDDVDS FLAAEATLKE RGAYKIFVMA THGLSSDAP RRIEESAIDE  
VVVTNTPHE VQKLQCPKIK TVDISMILSE AIRRIHNGES MSYLFRNIGL DD.