

Phosphoribosyl Pyrophosphate Synthetase-Associated Protein 2 Hu-

Item Number	rAP-4086
Synonyms	PAP41, Phosphoribosyl pyrophosphate synthase-associated protein 2, PRPP synthase-associated protein 2, 41 kDa phosphoribosypyrophosphate synthetase-associated protein, PRPSAP2.
Description	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.
Uniprot Accession Number	O60256
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MGSMFCVTPP ELETKMNITK GGLVLFSANS NSSCMELSKK IAERLGVEMG KVQVYQEPNR ETRVQIQESV RGKDVFIQT VSKDVNTTIM ELLIMVYACK TSCAKSIIGV IPYFPYSKQC KMRKRGSIYS KLLASMMCKA GLTHLITMDL HQKEIQGFFN IPVDNLRASP FLLQYIQEEI PDYRNAVIVA KSPASAKRAQ SFAERLRLGI AVIHGEAQDA ESDLVDGRHS PPMVRSVAII HPSLEIPMLI PKEKPPITVV GDVGGRIAI VDDIIDDVDS FLAAAETLKE RGAYKIFVMA THGLLSSDAP RRIEESAIDE VVVTNTIPHE VQKLQCPKIK TVDISMILSE AIRRIHNGES MSYLFRNIGL DD.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear solution. 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.
Formulation and Purity	The PRPSAP2 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 20% glycerol and 1mM DTT. Greater than 90% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**