9051 Mira Mesa Blvd, #910094
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PRPSAP2 Human

Phosphoribosyl Pyrophosphate Synthetase-Associated Protein 2 Human Recombinant RCP1725

Product Overview

Name	PRPSAP2 Human
Description	
Phosphoribosyl Pyrophosphate Synthetase-Associated Protein 2 Human Recombinant	
Accession (Primary)	O60256
Synonyms	
PAP41, Phosphoribosyl pyrophosphate synthase-associated protein 2, PRPP synthase-associated protein 2, 41 kDa phosphoribosypyrophosphate synthetase-associated protein, PRPSAP2.	
Introduction	
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.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
The PRPSAP2 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 20% glycerol and 1mM DTT.	
Stability	
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.	
Purity	
Greater than 90% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS MFCVTPP ELETKMNITK GGLVLFSANS NSSCMELSKK IAERLGVEMG KVQVYQEPNR ETRVQIQESV RGKDVFIIQT VSKDVNTTIM ELLIMVYACK TSCAKSIIGV IPYFPYSKQC	

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KMRKRGSIVS KLLASMMCKA GLTHLITMDL HQKEIQGFFN IPVDNLRASP FLLQYIQEEI PDYRNAVIVA KSPASAKRAQ SFAERLRLGI AVIHGEAQDA ESDLVDGRHS PPMVRSVAAI HPSLEIPMLI PKEKPPITVV GDVGGRIAII VDDIIDDVDS FLAAAETLKE RGAYKIFVMA THGLLSSDAP RRIEESAIDE VVVTNTIPHE VQKLQCPKIK TVDISMILSE AIRRIHNGES MSYLFRNIGL DD.

Precautions

PRPSAP2 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (O60256)