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PRPSAP2, 1-369aa, Human, His tag, E.coli

产品货号: TP03546

第三版

别名:phosphoribosyl pyrophosphate synthetase-associated protein 2, PAP41

描述:PRPSAP2 is 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. Recombinant human PRPSAP2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol, 1mM DTT

分子量:43.3kDa (392aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGSMFCVTPPELETKMNITKGGLVLFSA NSNSSCMELSKKIAERLGVEMGKVQVYQEPN
RETRVQIQESVRGKDVFIQT VSKDVNTTIMELLIMVYACKTSCAKSIIGVIPYFPYSKQCKMRKRSIVSKLLASMMCKAGL
THLITMDLHQKEIQGFFNIPVDNLRASPFLQYIQEEIPDYRNAVIVAKSPASAKRAQSF AERLRLGIAVIHGEAQDAESDLV
DGRHSPPMVRSVA AIHPSLEIPMLIPKEKPPITVVG DVGGRIAIIVDDIIDDVDSFLAAAETLKERGAYKIFVMATHGLLSSDA
PRRIESAIDEVVV TNTIPHEVQKLQCPKIKTVDISMILSEAIRRIHNGESMSYLFRNIGLDD

纯度:> 95% by HPLC

浓度:0.25 mg/ml (determined by Bradford assay)

内毒素:<1.0 EU per 1 ug of protein (determined by LAL method)

存储:+4 ° C 保存 (1-2 周). 长期保存在-20 ° C或者-70 ° C. 避免反复冻融.