

Product datasheet for PH310719

PRPSAP2 (NM_002767) Human Mass Spec Standard

Product data:

| | |
|---------------------------------------|---|
| Product Type: | Mass Spec Standards |
| Description: | PRPSAP2 MS Standard C13 and N15-labeled recombinant protein (NP_002758) |
| Species: | Human |
| Expression Host: | HEK293 |
| Expression cDNA Clone or AA Sequence: | RC210719 |
| Predicted MW: | 40.9 kDa |
| Protein Sequence: | >RC210719 protein sequence Red=Cloning site Green=Tags(s) |
| | MFCVTPPELETKMNITKGGLVLFSA NSNSSCMELSKKIAERLGVEMGKVQVYQEPNRETRVQIQESVRGK DVFIIQTVSKDVNTTIMELLIMVYACKTSCAKSIIGVIPYFPYSKQCKMRKRSIVSKLLASMMCKAGLT HLITMDLHQKEIQGFFNIPVDNLRASPFLQYIQEEIPDYRNAVIVAKSPASAKRAQSFAERLRLGIAVI HGEAQDAESDLVDGRHSPPMVRVAAIHPSLEIPMLIPKEKPPITVVGDVGGRIAIIVDDIIDDVDSFLA AAETLKERGAYKIFVMATHGLLSSDAPRRIEESAIDEVVVNTIPHEVQKLQCPKIKTVDISMILSEAIR RIHNGESMSYLFNRNIGLDD |
| | TRTRPLEQKLI SEEDLAANDILDYKDDDDKV |
| Tag: | C-Myc/DDK |
| Purity: | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method |
| Labeling Method: | Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine |
| Buffer: | 25 mM Tris-HCl, 100 mM glycine, pH 7.3 |
| Storage: | Store at -80°C. Avoid repeated freeze-thaw cycles. |
| Stability: | Stable for 3 months from receipt of products under proper storage and handling conditions. |
| RefSeq: | <u>NP_002758</u> |
| RefSeq Size: | 2021 |
| RefSeq ORF: | 1107 |
| Synonyms: | PAP41 |
| Locus ID: | 5636 |



[View online »](#)

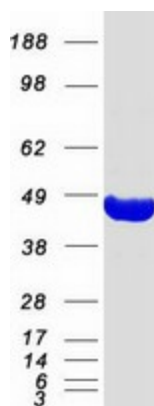
UniProt ID: [O60256](#), [A0A024QYY3](#)

Cytogenetics: 17p11.2

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:



Coomassie blue staining of purified PRPSAP2 protein (Cat# [TP310719]). The protein was produced from HEK293T cells transfected with PRPSAP2 cDNA clone (Cat# [RC210719]) using MegaTran 2.0 (Cat# [TT210002]).