Recombinant Human PRPSAP2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PRPSAP2-547H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PRPSAP2 MS Standard C13 and N15-labeled recombinant protein (NP_002758) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	40.9 kDa
AA Sequence	MFCVTPPELETKMNITKGGLVLFSANSNSSCMELSKKIAERLGVEMGKVQVYQEPN RETRVQIQESVRGKDVFIIQTVSKDVNTTIMELLIMVYACKTSCAKSIIGVIPYFPYSKQ CKMRKRGSIVSKLLASMMCKAGLTHLITMDLHQKEIQGFFNIPVDNLRASPFLLQYIQ EEIPDYRNAVIVAKSPASAKRAQSFAERLRLGIAVIHGEAQDAESDLVDGRHSPPMV RSVAAIHPSLEIPMLIPKEKPPITVVGDVGGRIAIIVDDIIDDVDSFLAAAETLKERGAYKI FVMATHGLLSSDAPRRIEESAIDEVVVTNTIPHEVQKLQCPKIKTVDISMILSEAIRRIH

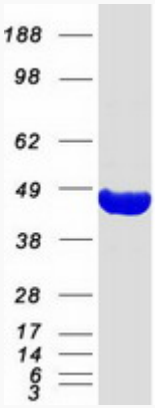
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	NGESMSYLFRNIGLDDTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	PRPSAP2 phosphoribosyl pyrophosphate synthetase-associated protein 2 [Homo sapiens (human)]
Official Symbol	PRPSAP2
Synonyms	PRPSAP2; phosphoribosyl pyrophosphate synthetase-associated protein 2; phosphoribosyl pyrophosphate synthase-associated protein 2; PAP41; PRPP synthase-associated protein 2; 41 kDa phosphoribosypyrophosphate synthetase-associated protein; MGC117304; MGC126719; MGC126721;
Gene ID	5636
mRNA Refseq	NM_002767
Protein Refseq	NP_002758

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MIM	603762
UniProt ID	O60256
SDS-PAGE	

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