

Recombinant Human PRPSAP2 293 Cell Lysate

Cat. No. PRPSAP2-2818HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for phosphoribosyl pyrophosphate synthetase-associated protein 2 (PRPSAP2) is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION

Gene Name	PRPSAP2 phosphoribosyl pyrophosphate synthetase-associated protein 2 [Homo sapiens]
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_001243936
Protein Refseq	NP_001230865
MIM	603762
UniProt ID	O60256
Chromosome Location	17p12-p11.2
Function	enzyme inhibitor activity; magnesium ion binding; ribose phosphate diphosphokinase activity;

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