



# Recombinant Human Phosphoribosyl pyrophosphate synthase-associated protein 2 (PRPSAP2)

<b>Product Code</b>	CSB-EP018781HU
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	O60256
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MFCVTPPELE TKMNITKGGL VLFSANSNSS CMELSKKIAE RLGVEMGKVQ VYQEPNRETR VQIQESVRGK DVFIIQTVSK DVNTTIMELL IMVYACKTSC AKSIIGVIPY FPYSKQCKMR KRGSIVSKLL ASMMCKAGLT HLITMDLHQB EIQGFFNIPV DNLRASPFLL QYIQEEIPDY RNAVIVAKSP ASAKRAQSFA ERLRLGIAVI HGEAQDAESD LVDGRHSPPM VRSVAIIHPS LEIPMLIPKE KPPITVVGDV GGRIAIIVDD IIDDVDSFLA AAETLKERGA YKIFVMATHG LLSSDAPRRI EESAIDEVVV TNTIPHEVQK LQCPKIKTVD ISMILSEAIR RIHNGESMSY LFRNIGLDD
<b>Source</b>	E.coli
<b>Target Names</b>	PRPSAP2
<b>Protein Names</b>	Recommended name: Phosphoribosyl pyrophosphate synthase-associated protein 2 Short name= PRPP synthase-associated protein 2 Alternative name(s): 41 kDa phosphoribosypyrophosphate synthetase-associated protein Short name= PAP41
<b>Expression Region</b>	1-369
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full length protein
<b>Target Details</b>	The enzyme phosphoribosylpyrophosphate synthetase (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.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.



## Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.