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

Product Code	CSB-EP018781HU-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O60256
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MFCVTPPELE TKMNITKGGL VLFSANSNSS CMELSKKIAE RLGVEMGKVQ VYQEPNRETR VQIQESVRGK DVFIIQTVSK DVNTTIMELL IMVYACKTSC AKSIIGVIPY FPYSKQCKMR KRGSIVSKLL ASMMCKAGLT HLITMDLHQK EIQGFFNIPV DNLRASPFLL QYIQEEIPDY RNAVIVAKSP ASAKRAQSFA ERLRLGIAVI HGEAQDAESD LVDGRHSPPM VRSVAAIHPS LEIPMLIPKE KPPITVVGDV GGRIAIIVDD IIDDVDSFLA AAETLKERGA YKIFVMATHG LLSSDAPRRI EESAIDEVVV TNTIPHEVQK LQCPKIKTVD ISMILSEAIR RIHNGESMSY LFRNIGLDD
Source	E.coli
Target Names	PRPSAP2
Protein Names	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
Expression Region	1-369
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full length protein
Target Details	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.
Reconstitution	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.