



# Recombinant Human Proline-rich protein PRCC (PRCC)

<b>Product Code</b>	CSB-MP846094HU
<b>Abbreviation</b>	PRCC
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q92733
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MSLVAYASSD ESEPDEAEPE PEEEEAVAPT SGPALGGLFA SLPAPKGPAL LPPPPQMLAP AFPPPLLLPP PTGDPRQLQP PPLPFGLGGF PPPPGVSPA E AAGVGEGLGL GLPSRGPGL NLPPPIGGAG PPLGLPKPKK RKEPVKIAAP ELHKGDSSE EDEPTKKKI LQGSSEGTGL SALLPQPKNL TVKETNRLLL PHAFSRKPSD GSPDTKPSRL ASKTKTSSLA PVVGT TTTTP SPSAIAKAAK SAALQVTKQI TQEEDDSDEE VAPENFFSLP EKAEPGVEP YPYPIPTVPE ELPPGTEPEP AFQDDAANAP LEFKMAAGSS GAPWMPKPGD DYSYNQFSTY GDANAAGAYY QDYYSGGYYP AQDPALVPPQ EIAPDASFID DEAFKRLQGK RNRGEEINF VEIKGDDQLS GAQQWMTKSL TEEKTMKSFS KKKGEQPTGQ QRRKHQITYL IHQAKERELE LKNTWSENKL SRRQTQAKYG F
<b>Source</b>	Mammalian cell
<b>Target Names</b>	PRCC
<b>Protein Names</b>	Recommended name: Proline-rich protein PRCC Alternative name(s): Papillary renal cell carcinoma translocation-associated gene protein
<b>Expression Region</b>	1-491
<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>	In a subset of papillary renal cell carcinomas, a t(X;1)(p11;q21) chromosome translocation has been repeatedly reported and is thought to be the cause of the cancer. As a result of the translocation, the transcription factor TFE3 on the X chromosome becomes fused to this gene on chromosome 1. The fused gene results in the fusion of N-terminal proline-rich region of This protein to the entire TFE3 protein. This protein has been shown to interact with the mitotic checkpoint protein MAD2B, which suggests that the dominant-negative effect of the fusion protein with TFE3 may lead to a mitotic checkpoint defect.



Alternatively spliced transcript variants encoding distinct isoforms have been observed.

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**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.

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**Shelf Life**

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