

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

Cat. No. PRCC-4079H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PRCC MS Standard C13 and N15-labeled recombinant protein (NP_005964) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a protein that may play a role in pre-mRNA splicing. Chromosomal translocations (X;1)(p11;q21) that result in fusion of this gene to TFE3 (GeneID 7030) have been associated with papillary renal cell carcinoma. A PRCC-TFE3 fusion protein is expressed in affected carcinomas and is likely associated with altered gene transactivation. This fusion protein has also been associated with disruption of the cell cycle.
Molecular Mass	52.4 kDa
AA Sequence	MSLVAYASSDESEPDEAEPEPEEEEEAVAPTSGPALGGLFASLPAPKGPALLPPPPQ MLAPAFPPPLLLPPPTGDPRLQPPPPLPFGGLGGFPPPPGVSPAEEAGVGEGLGLGL PSPRGPNLNLPPPIGGAGPPLGLPKPKKRKEPVKIAAPELHKGDSDSEDEPTKKKTI LQGSSEGTGLSALLPQPKNLTVKETNRLLLPHAFSRKPSDGSPTDKPSRLASKTKTS SLAPVVGTTTTTSPSPSAIKAAAKSAALQVTKQITQEEDDSDEEVAPENFFSLPEKAEP PGVEPYPIPTVPEELPPGTEPEPAFQDDAANAPLEFKMAAGSSGAPWMPKPGD DYSYNQFSTYGDANAAGAYYQDYSSGGYYPAQDPALVPTQEIAPDASFIDDEAFKR

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

LQGKRNRGREEINFVEIKGDDQLSGAQQWMTKSLTEEKTMKSFSSKKKGEOPTGQQ
RRKHQITYLIHQAKERELELKNTWSENKLSRRQTQAKYGFTRTRPLEQKLISEEDLAA
NDILDYKDDDDKV

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 PRCC proline rich mitotic checkpoint control factor [Homo sapiens (human)]

Official Symbol PRCC

Synonyms PRCC; papillary renal cell carcinoma (translocation-associated); proline-rich protein PRCC; RCCP1; papillary renal cell carcinoma translocation-associated gene protein; TPRC; MGC4723; MGC17178;

Gene ID 5546

mRNA Refseq NM_005973

Protein Refseq NP_005964

 Tel: 1-631-559-9269 1-516-512-3133

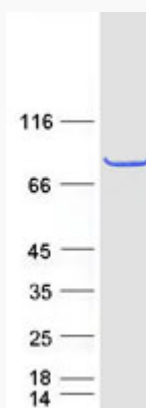
 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

MIM 179755

UniProt ID Q92733

SDS-PAGE



Tel: 1-631-559-9269 1-516-512-3133

Email: info@creative-biomart.com Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA