PRCC Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	PRCC, Recombinant Protein
Full Product Name	Recombinant Human PRCC
Product Gene Name	PRCC recombinant protein
Host	E Coli
Form/Format	Lyophilized from a 0.2um filtered solution in PBS with 5% trehalose, pH7.4
Purity/Purification	Greater than 95% by SDS-PAGE gel analyses
Preparation and Storage	Store at -20 degree C for 12 months as lyophilized; 2-8 degree C for 1 month under sterile conditions after reconstitution
Molecular Weight	52,418 Da
Sequence Positions	215-491
OMIM	X97124 mRNA
3D Structure	ModBase 3D Structure for Q92733
Species	Human
Tag	N-terminal His-IF2DI Tag
Reconstitution	Centrifuge the vial at 10,000rpm for 1 minute, reconstitute at 200ug/ml in sterile distilled water
ISO Certification	Manufactured in an ISO 13485:2003 and EN ISO 13485:2012 Certified Laboratory.
Applications Tested/Suitable for PRCC recombinant protein	Western Blot (WB), ELISA (EIA)
Related Product Information for PRCC recombinant protein	MBS7614377 is a recombinant protein targeting PRCC. Also known as Recombinant Human PRCC. Host: E Coli.
Other Notes	Small volumes of PRCC recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for PRCC. It may not necessarily be applicable to this product.

NCBI GI #	40807447
NCBI GeneID	5546
NCBI Accession #	NP_005964.3
UniProt Primary Accession #	Q92733
UniProt Secondary Accession #	O00665; O00724; Q5SZ06; A8K1F7
UniProt Related Accession #	Q92733
GenBank Nucleotide #	NM_005973.4
NCBI Official Full Name	proline-rich protein PRCC

NCBI Official Synonym Full Names	papillary renal cell carcinoma (translocation-associated)
NCBI Official Symbol	PRCC
NCBI Official Synonym Symbols	TPRC; RCCP1
UniProt Protein Name	Proline-rich protein PRCC
UniProt Synonym Protein Names	Papillary renal cell carcinoma translocation-associated gene protein
Protein Family	Proline-rich protein
UniProt Gene Name	PRCC
UniProt Synonym Gene Names	TPRC
NCBI Protein Information	proline-rich protein PRCC
NCBI Summary for PRCC	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.[provided by RefSeq, Aug 2010]
UniProt Comments for PRCC	May regulate cell cycle progression through interaction with MAD2L2.
Research Articles on PRCC	**1.** results reveal that PRCC-TFE3 dual-fusion FISH probe is an efficient and concise technique for diagnosing PRCC-TFE3 RCC in paraffin-embedded tissue
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