



# Recombinant Human Proline-rich protein 5 (PRR5)

<b>Product Code</b>	CSB-MP018796HU
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P85299
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MRTLRLKFM SSPSLSDLGK REPAAAADER GTQQRRACAN ATWNSIHNGV IAVFQRKGLP DQELFSLNEG VRQLLKTELG SFFTEYLQNG LTKGMVILR DKIRFYEGQK LLDSLAEWTD FFFSDVLPML QAIFYPVQGGK EPSVRQLALL HFRNAITLSV KLEDALARA ARVPPAIVQM LLVLQGVHES RGVTEYDLRL ETLVQKVSP YLGTYGLHSS EGPFTHSCIL EKRLRRSRS GDVLAKNPVV RSKSYNTPLL NPVQEHEAEG AAAGGTSIRR HSVSEMTSCP EPQGFSDPPG QGPTGTRSS PAPHSGPCPS RLYPTTQPPE QGLDPTRSSL PRSSPENLVD QILESVDSDS EGIFIDFGRG RGSMSDLEG SGGRQSVV
<b>Source</b>	Mammalian cell
<b>Target Names</b>	PRR5
<b>Protein Names</b>	Recommended name: Proline-rich protein 5 Alternative name(s): Protein observed with Rictor-1 Short name= Protor-1
<b>Expression Region</b>	1-388
<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>	This gene encodes a protein with a proline-rich domain. This gene is located in a region of chromosome 22 reported to contain a tumor suppressor gene that may be involved in breast and colorectal tumorigenesis. Rare read-through transcripts, containing exons from the ARHGAP8 gene which is located immediately downstream, led to the original description of PRR5 and ARHGAP8 as a single gene. Alternative splicing and the use of alternative promoters results in transcripts encoding different isoforms.
<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.
<b>Shelf Life</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.