Recombinant Human Proline-rich protein 5 (PRR5)

Product Code	CSB-EP018796HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P85299
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MRTLRRLKFM SSPSLSDLGK REPAAAADER GTQQRRACAN ATWNSIHNGV IAVFQRKGLP DQELFSLNEG VRQLLKTELG SFFTEYLQNQ LLTKGMVILR DKIRFYEGQK LLDSLAETWD FFFSDVLPML QAIFYPVQGK EPSVRQLALL HFRNAITLSV KLEDALARAH ARVPPAIVQM LLVLQGVHES RGVTEDYLRL ETLVQKVVSP YLGTYGLHSS EGPFTHSCIL EKRLLRRSRS GDVLAKNPVV RSKSYNTPLL NPVQEHEAEG AAAGGTSIRR HSVSEMTSCP EPQGFSDPPG QGPTGTFRSS PAPHSGPCPS RLYPTTQPPE QGLDPTRSSL PRSSPENLVD QILESVDSDS EGIFIDFGRG RGSGMSDLEG SGGRQSVV
Source	E.coli
Target Names	PRR5
Protein Names	Recommended name: Proline-rich protein 5 Alternative name(s): Protein observed with Rictor-1 Short name= Protor-1
Expression Region	1-388
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	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.
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.