



# Recombinant Rat Proline-rich protein 5 (Prr5)

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|--------------------------|---|
| <b>Product Code</b>      | CSB-MP688861RA  |
| <b>Abbreviation</b>      | Prr5  |
| <b>Storage</b>           | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>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>       | Q5FVG6  |
| <b>Product Type</b>      | Recombinant Protein   |
| <b>Immunogen Species</b> | Rattus norvegicus (Rat)   |
| <b>Purity</b>            | >85% (SDS-PAGE)   |
| <b>Sequence</b>          | MRTLRRLLKFM SSPSLSDLGK REPGAAGADE RGTQQRRACA NATWNSIHNG<br>VIAVFQRKGL PDQELFILNE GVRQLLKTTEL GSFFTEYLQN QLLTKGMVIL<br>RDKIRFYEGQ KLLDSLAEW DFFFSDVLP LQAIFYPVQG KEPSVRQLAL<br>LHFRNTITLS VKLEDALARS HACVPPAIAQ MLLVLQGVHE SRGVTEGYLR<br>LETLIQKVVS PYLGTYGLYS NEGPCTHSCI LEKRFLRRSR SGDILAKNPV<br>VRSKSYNTPL LNPVAEHEAE GTASGGTSIR RHSVSEMTSC PEPQGFVDTP<br>DQGPGTFRS SPSPHSGPCP SRLYPPAHSP EQGPDHGSPP TSSPETLVDQ<br>ILESVDSDSE GIFIDFGRGS RSSVSDFEAA GGRPSVV   |
| <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> | 1-387   |
| <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.   |



## Shelf Life

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