

# Recombinant Rhesus Monkey peptidase inhibitor 16 Protein, His-tagged

**Cat. No.** PI16-1787R    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Rhesus Monkey peptidase inhibitor 16 Protein (28-468aa) with N-His tag was expressed in E. coli.                                                                                                                                                                                                                                                       |
| <b>Species</b>          | Rhesus macaque                                                                                                                                                                                                                                                                                                                                                     |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                             |
| <b>ProteinLength</b>    | 28-468aa                                                                                                                                                                                                                                                                                                                                                           |
| <b>Description</b>      | Predicted to enable peptidase inhibitor activity. Predicted to be involved in negative regulation of peptidase activity. Predicted to act upstream of or within negative regulation of cell growth involved in cardiac muscle cell development. Predicted to be active in extracellular space.                                                                     |
| <b>Tag</b>              | N-His                                                                                                                                                                                                                                                                                                                                                              |
| <b>Molecular Mass</b>   | 48.8 kDa                                                                                                                                                                                                                                                                                                                                                           |
| <b>AA Sequence</b>      | MHHHHHHHHHLLTDEEKRLMLELHNLRYAQVSPASPDMHMRWDEELAAFAKAYA<br>RQCVWGHNKDRGRGENLFAITDEGLDVPLAMEEWHHEREHYNLSAATCSPGQM<br>CGHYTQVWAKTERIGCGSHFCEKLQGVEETNIELLCNYEPPGNVKGKRPYQEGT<br>PCSQCPSGYRCKNSLCEPIGSPEDAQDLPLYLVTEAPSFLATEASDSRKMGTPSLAT<br>GIPAFLVTEVSGSLATKALPAVETQAPTSLATKDPPSMATEAPPSVTTEVPSILASHSL<br>PSLDEEPVTFPESTHVPIPKSADKVTDKTKVPFRSPENSLDPKMSLTGARELLPHAQ |

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

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

EEAEAEAEAGEAEAEELPPSSEVLASVFPAQDKPGELQATLDHTGHTSSKSLPNFPNTS  
 ATANAMGGRALALQSSLPGAEGPDKPSVVSGLNPGPGHVWGPLLGLLLLLPLMLAG  
 IF

**Purity** > 90% by SDS-PAGE

**Storage** Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

**Storage Buffer** 20mM Tris, 500mM NaCl, pH8.0

**Concentration** 0.46 mg/mL by BCA

## GENE INFORMATION

**Gene Name** [PI16 peptidase inhibitor 16 \[ Macaca mulatta \(Rhesus monkey\) \]](#)

**Official Symbol** [PI16](#)

**Synonyms** PI16; peptidase inhibitor 16;

**Gene ID** [719301](#)

**mRNA Refseq** [NM\\_001266318](#)

**Protein Refseq** [NP\\_001253247](#)

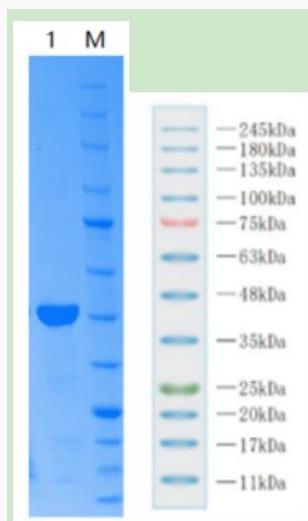
**UniProt ID** [G7MP66](#)

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## SDS-PAGE



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