

Recombinant Full Length Human PI16 Protein, C-His-Avi-tagged, Biotinylated

Cat. No. PI16-034H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Full Length Human PI16 Protein with C-His-Avi-tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	1-463 aa
Conjugation/Label	Biotin
Description	Predicted to enable peptidase inhibitor activity. Predicted to act upstream of or within negative regulation of cell growth involved in cardiac muscle cell development. Predicted to be located in extracellular region. Predicted to be active in extracellular space.
Form	Sterile PBS, pH7.4
Molecular Mass	50 kDa
AASequence	LTDEEKRLMVELHNLRYRAQVSPTASDMLHMRWDEELAAFAKAYARQCVWGHNKER GRRGENLFAITDEGMDVPLAMEEWHHEREHYNLSAATCSPGQMC GHYTQV V WAK TERIGCGSHFCEKLQGV EETNIELLV CNYEPPGNVKGKRPYQEGTPCSQCPSGYHC KNSLCEPIGSPEDAQDLPLYLVTEAPSF RATEASDSRKMGT PSSLATGIPAFLVTEVS

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GSLATKALPAVETQAPTSLATKDPPSMATEAPPCVTTEVPSILAAHSLPSLDEEPTVF
 PKSTHVPIPKSADKVTDKTKVPSRSPENSLDPKMSLTGARELLPHAQEEAEAEALP
 PSSEVLASVFPAQDKPGELQATLDHTGHTSSKSLPNFPNTSATANATGGRALALQS
 SLPGAEGPDKPSVVSGLNSGPGHVGWGPLLGLLLLPLVLGIFHHHHHHHHGLNDIF
 EAQKIEWHE

Endotoxin < 1 EU/μg by LAL

Purity >60% 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.

Concentration 0.28 mg/mL by BCA

Labeling Efficiency 0.21 by HABA

GENE INFORMATION

Gene Name [PI16 peptidase inhibitor 16 \[Homo sapiens \(human\) \]](#)

Official Symbol [PI16](#)

Synonyms PI16; peptidase inhibitor 16; protease inhibitor 16; dJ90K10.5; MGC45378; microseminoprotein; beta binding protein; MSMBBP; PSP94-binding protein; cysteine-rich secretory protein 9; microseminoprotein, beta-binding protein; PSPBP; CRISP9; DKFZp586B1817

Gene ID [221476](#)

mRNA Refseq [NM_001199159](#)

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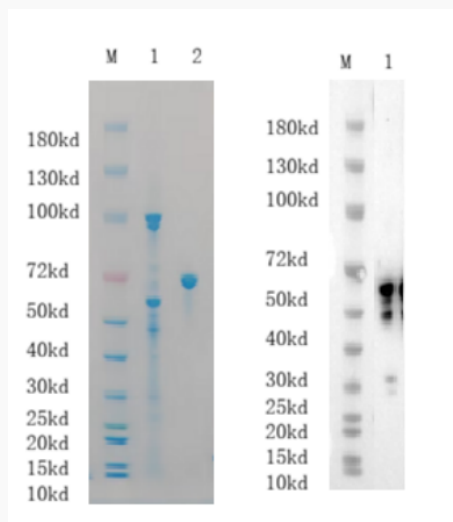
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Protein Refseq NP_001186088

UniProt ID Q6UXB8

SDS-PAGE



Reducing 12% SDS-PAGE (CBB stained) and WB (Anti-His Mouse Monoclonal antibody) analysis profiles of purified PI16. 1. PI16: 1 µg 2. BSA: 1 µg

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