

Recombinant Human PI16, FLAG-tagged

Cat. No. PI16-29934TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment of Human Peptidase inhibitor 16 with a C-Terminal DDDDK tag , predicted MWt 45.7kDa.
Species	Human
Source	HEK293
ProteinLength	415 amino acids
Conjugation	FLAG
Molecular Weight	45.700kDa inclusive of tags
Tissue specificity	Expressed in prostate, testis, ovary and intestine. Concentrates in prostate cancer patients sera.
Form	Lyophilised: Add deionized water to prepare a working stock solution of 0.5 mg/mL and let the lyophilized pellet dissolve completely. Product is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture.
Storage buffer	pH: 7.50 Constituents: 0.32% Tris HCl, 0.3% Sodium chloride
Storage	Store at -80°C
Sequences of amino	LTDEEKRLMV ELHNLRYRAQV SPPASDMLHM RWDEELAAFA KAYARQCVWG

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

acids

HNKERGRRGE NLFAITDEGM DVPLAMEEWH HEREHYNLSA ATCSPGQMCG
 HYTQVWVAKT ERIGCGSHFC EKLQGVETN IELLVCNYEP PGNVKGKRPY
 QEGTPCSQCP SGYHCKNSLC EPIGSPEDAQ DLPYLVTEAP SFRATEASDS
 RKMGTTPSSLA TGIPAFLVTE VSGSLATKAL PAVETQAPTSLATKDPPSMA
 TEAPPCVTTE VPSILAAHSL PSLDEEPTVF PKSTHVPIPK SADKVTDKTK
 VPSRSPENSL DPKMSLTGAR ELLPHAQEEA EAEAELPPSS EVLASVFPAQ
 DKPGELQATL DHTGHTSSKS LPNFPNTSAT ANATGGRALA LQSSLPGAEG
 PDKPSVVSGL NSGPGAAADYKDDDDK

Sequence

Belongs to the CRISP family.

Similarities

GENE INFORMATION

Gene Name

PI16 peptidase inhibitor 16 [Homo sapiens]

Official Symbol

PI16

Synonyms

PI16; peptidase inhibitor 16; protease inhibitor 16; dJ90K10.5; MGC45378;
 microseminoprotein; beta binding protein; MSMBBP;

Gene ID

221476

mRNA Refseq

NM_001199159

Protein Refseq

NP_001186088

Uniprot ID

Q6UXB8

**Chromosome
Location**

6p21.31

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Function

peptidase inhibitor activity;

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