

# Human PI16 Recombinant Protein



RPPB2112

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## Product Information    Protein Information

**Product SKU:**

RPPB2112

**Accession:**

Q6UXB8

**Host:**

HEK293 (Human Embryonic Kidney cell line).

**Protein description:**

The Peptidase Inhibitor 16 Human Recombinant is produced in HEK293 cells and fused with a C-terminal Flag Tag (11 amino acids). The PI16 Flag Tagged Fusion Protein is 45.7kDa protein containing a total of 426 amino acid residues and purified by proprietary chromatographic techniques.

**Appearance:**

Filtered White lyophilized (freeze-dried) powder.

**Synonyms:**

Peptidase inhibitor 16, PI-16, Cysteine-rich secretory protein 9, CRISP-9, PSP94-binding protein, PI16, CRISP9, PSPBP, MSMBBP, MGC45378, DKFZp586B1817.

**Formulation:**

PI16 was filtered (0.4µm) and lyophilized from 0.5mg/ml in 20mM Tris and 50mM NaCl, pH 7.5.

**Purity:**

Greater than 95.0% as determined by SDS-PAGE.

**Solubility:**

It is recommended to add deionized water to prepare a working stock solution of 0.5mg/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.

**Stability:**

Store lyophilized PI16 Human recombinant at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.

**Amino Acid Sequence:**

LTDEEKRLMV ELHNLRYRAQV SPPASDMLHM RWDEELAAFA KAYARQCVWG HNKERRRGE NLFAITDEGM DVPLAMEEWH HEREHYNLSA ATCSPGQMCG HYTQVWAKT ERIGCGSHFC EKLQGVETN IELLVCNYEP PGNVKGKRPY QEGTPCSQCP SGYHCKNSLC EPIGSPEDAQ DLPYLVTAP SFRATEASDS RKMGTTPSSLA TGIPAFLVTE VSGSLATKAL PAVETQAPTS LATKDPPSMA TEAPPCVTTE VPSILAAHSL PSLDEEPTVF PKSTHVPIPK SADKVTDKTK VPSRSPENSL DPKMSLTGAR ELLPHAQEEA EAEAELPPSS EVLASVFPAQ DKPGELQATL DHTGHTSSKS LPNFPNTSAT ANATGGRALA LQSSLPGAEG PDKPSVVSGL NSGPGAAADY KDDDDK.