

## PRODUCT DATA SHEET

### Peptidase inhibitor 16 Human HEK293

**Cat. No.:** RD172165100

**Size:** 0.1 mg

**Source:** HEK293

**Type:** Recombinant protein

**Species:** Human

#### Other Names:

PI-16, Cysteine-rich secretory protein 9, CRISP-9, PSP94-binding protein, PSP94-BP, PI16, CRISP9, PSPBP, Peptidase inhibitor 16

#### Description:

Total 426 AA. MW 45.7 kDa (calculated), C-Terminal Flag-tag (11 extra AA). UniProt entry Q6UXB8.

#### Amino Acid Sequence:

LTDEEKRLMV ELHNLYRAQV SPPASDMLHM RWDEELAafa KAYARQCVWG HNKERGRRGE  
NLFAITDEGM DVPLAMEEWH HEREHYNLSA ATCSPGQMCg HYTQVVWAKT ERIGCGSHFC  
EKLGQVEETN IELLVCNYEP PGNVKGKRPY QEGTPCSQCP SGYHCKNSLC EPIGSPEDAQ  
DLPYLVTEAP SFRATEASDS RKMGTpSSLA TGIPAFLVTE VSGSLATKAL PAVETQAPTS  
LATKDPPSMA TEAPPCVTTE VPSILAAHSL PSLDEEPVTF PKSTHVPIPK SADKVTDKTK  
VPSRSPENSL DPKMSLTGAR ELLPHAQEEA EAEAEIppSS EVLASVFPAQ DKPGELQATL  
DHTGHTSSKS LPNFpNTSAT ANATGGRALA LQSSLPgAEG PDKPSVVSGL NSGPgAAADY  
KDDDDK

#### Purity:

> 90 % by SDS-PAGE

#### Endotoxin:

< 1.0 EU/μg

#### Formulation:

Filtered (0,4 μm) and lyophilized in 0.5 mg/mL in 20mM TRIS, 50mM NaCl, pH 7.5

#### Reconstitution:

Add deionized water to prepare a working stock solution of 0.5 mg/mL and let the lyophilized pellet dissolve completely.

#### Shipping:

At ambient temperature. Upon receipt, store the product at the temperature recommended below.

#### Storage/Stability:

Store lyophilized protein at -80°C. Lyophilized protein remains stable until the expiry date when stored at -80°C. Aliquot reconstituted protein to avoid repeated freezing/thawing cycles and store at -80°C for long term storage. Reconstituted protein can be stored at 4°C for a week.

**Quality Control:**

BCA to determine quantity of the protein.  
SDS PAGE to determine purity of the protein.  
Endotoxin level determination.

**Applications:**

ELISA, Western blotting

**Note:**

This product is intended for research use only.