

Product datasheet for **TP701421**

Peptidase inhibitor 16 (PI16) (NM_153370) Human Recombinant Protein

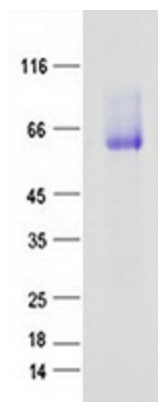
Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human peptidase inhibitor 16 (PI16), transcript variant 1, Leu28-Gly442, with C-terminal DDK tag, secretory expressed in HEK293 cells, 50ug
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	1 LTDEEKRLMV ELHNLRYAQV SPPASDMLHM RWDEELAAFA KAYARQCVWG HNKERGRGE 61 NLFAITDEGM DVPLAMEEWH HEREHYNLSA ATCSPGQMCG HYTQVWVAKT ERIGCGSHFC 121 EKLQGVETN IELLVCNYP PGNVKGKRPY QEGTPCSQCP SGYHCKNSLC EPIGSPEDAQ 181 DLPYLVTEAP SFRATEASDS RKMGTSSLA TGIPAFLVTE VSGSLATKAL PAVETQAPTS 241 LATKDPPSMA TEAPPCVTE VPSILAAHSL PSLDEEPTVF PKSTHVPIPK SADKVTDKTK 301 VPSRSPENSL DPKMSLTGAR ELLPHAQEEA EAEAELPPSS EVLASVFPAQ DKPGELQATL 361 DHTGHTSSKS LPNFPNTSAT ANATGGRALA LQSSLPGAEG PDKPSVWSGL NSGPGAAADY 421 KDDDDK
Tag:	C-terminal DDK
Predicted MW:	45.7 kDa
Concentration:	>50 ug/mL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	20 mM Tris-HCl, 50 mM NaCl, pH 7.5
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Stability:	Stable for at least 1 year from receipt of products under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_699201
Locus ID:	221476
UniProt ID:	Q6UXB8
Cytogenetics:	6p21.2
Synonyms:	CD364; CRISP9; MSMBBP; PSPBP
Summary:	May inhibit cardiomyocyte growth.[UniProtKB/Swiss-Prot Function]


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Protein Families: Transmembrane

Product images:



Coomassie blue staining of purified PI16 protein (Cat #TP701421). The protein was produced from mammalian cells transfected with PI16 cDNA clone (Cat #synthesis).