

Product datasheet for **TP320137L**

IHPK3 (IP6K3) (NM_054111) Human Recombinant Protein

Product data:

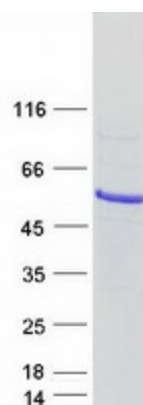
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human inositol hexakisphosphate kinase 3 (IP6K3), transcript variant 1, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC220137 protein sequence Red =Cloning site Green =Tags(s)
	<p>MVVQNSADAGDMRAGVQLEPFLHQVGGHMSVMKYDEHTVCKPLVSREQRFYESLPLAMKRFTPQYKG TVT VHLWKDSTGHLSLVANPVKESQEPFKVSTESA AVAIWQTLQQTGSDCTLAQWPHAQLARSPKESP A KALLRSEPHLNTPAFSLVEDTNGNQVERKSFNPWGLQCHQAHLTRLCSEYPENKRHRFLLLENVVSQYTH PCVLDLKMGRQHGDDASEKKARHMRKCAQSTSACLGVRCGMQVYQTDKKYFLCKDKYGRKLSVEG F RQALYQFLHNGSHLRRELLEPILHQLRALLSVIRSQSSYRFYSSLLVIYDQGEPERAPGSPHPHEAPQ AAHGSSPGGLTKVDIRMIDFAHTTYKGYWNEHTTYDGPDPGYIFGLENLIRILQDIQEGE</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Predicted MW:	46.2 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.



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Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_473452</u>
Locus ID:	117283
UniProt ID:	<u>Q96PC2</u>
RefSeq Size:	2711
Cytogenetics:	6p21.31
RefSeq ORF:	1230
Synonyms:	IHPK3; INSP6K3
Summary:	This gene encodes a protein that belongs to the inositol phosphokinase (IPK) family. This protein is likely responsible for the conversion of inositol hexakisphosphate (InsP6) to diphosphoinositol pentakisphosphate (InsP7/PP-InsP5). It may also convert 1,3,4,5,6-pentakisphosphate (InsP5) to PP-InsP4. Alternative splicing results in multiple transcript variants encoding the same protein.[provided by RefSeq, Dec 2008]
Protein Families:	Druggable Genome

Product images:



Coomassie blue staining of purified IP6K3 protein (Cat# [TP320137]). The protein was produced from HEK293T cells transfected with IP6K3 cDNA clone (Cat# [RC220137]) using MegaTran 2.0 (Cat# [TT210002]).