

## Product datasheet for **TP320137M**

### IHPK3 (IP6K3) (NM\_054111) Human Recombinant Protein

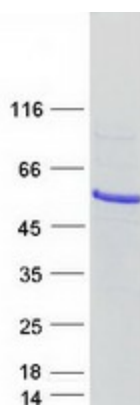
#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human inositol hexakisphosphate kinase 3 (IP6K3), transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC220137 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)  MVVQNSADAGDMRAGVQLEPFLHQVGGHMSVMKYDEHTVCKPLVSREQRFYESLPLAMKRFTPQYKG TVT VHLWKDSTGHLSLVANPVKESQEPFKVSTESA AVAIWQTLQQTGSDCTLAQWPHAQLARSPKESP A KALLRSEPHLNTPAFSLVEDTNGNQVERKSFNPWGLQCHQAHLTRLCSEYPENKRHRFLLLENVVSQYTH PCVLDLKMGRTRQHGDDASEEKKARHMRKCAQSTSACLGVRICGMQVYQTDKKYFLCKDKYYGRKLSVEG F RQALYQFLHNGSHLRRELLEPILHQLRALLSVIRSQSSYRFYSSSLLVIYDQGEPERAPGSPHPHEAPQ AAHGSSPGGLTKVDIRMIDFAHTTYKGYWNEHTTYDGPDPGYIFGLENLIRILQDIQEGE  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
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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<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_473452</a>
<b>Locus ID:</b>	117283
<b>UniProt ID:</b>	<a href="#">Q96PC2</a>
<b>RefSeq Size:</b>	2711
<b>Cytogenetics:</b>	6p21.31
<b>RefSeq ORF:</b>	1230
<b>Synonyms:</b>	IHPK3; INSP6K3
<b>Summary:</b>	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]
<b>Protein Families:</b>	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]).