

Product datasheet for TP320137

IHPK3 (IP6K3) (NM_054111) Human Recombinant Protein

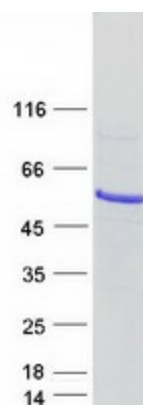
Product data:

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|---------------------------------------|---|
| Product Type: | Recombinant Proteins |
| Description: | Recombinant protein of human inositol hexakisphosphate kinase 3 (IP6K3), transcript variant 1, 20 µg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >RC220137 protein sequence Red =Cloning site Green =Tags(s) MVVQNSADAGDMRAGVQLEPFLHQVGGHMSVMKYDEHTVCKPLVSREQRFYESLPLAMKRFTPQYKG TVT VHLWKDSTGHLSLVANPVKESQEPFKVSTESA AVAIWQTLQQTGSDCTLAQWPHAQLARSPKESP A KALLRSEPHLNTPAFSLVEDTNGNQVERKSFNPWGLQCHQAHLTRLCSEYPENKRHRFLLLENVVSQYTH PCVLDLKMGRQHGDDASEEKKARHMRKCAQSTSACLGVRICGMQVYQTDKKYFLCKDKYGRKLSVEG F RQALYQFLHNGSHLRRELLEPILHQLRALLSVIRSQSSYRFYSSLLVIYDQGEPERAPGSPHPHEAPQ AAHGSSPGGLTKVDIRMIDFAHTTYKGYWNEHTTYDGPDPGYIFGLENLIRILQDIQEGE TRTRPLEQKLISEEDLAANDILDYKDDDDKV |
| 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]).