

Product datasheet for TP520021

Ip6k3 (NM_173027) Mouse Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Purified recombinant protein of Mouse inositol hexaphosphate kinase 3 (Ip6k3), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

Species: Mouse

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >MR220021 representing NM_173027
Red=Cloning site **Green**=Tags(s)

MVVRHSSDKGKIGVGVPLEPFLHQVGGHLSVLQYDAYTVCKPLVSQEQKFYESLPLAMKCFTP KYKGTIT
VRLRRDSRGHLGLVANPLKENLEPFQVSPESRAVALWQTLQQTGSESSPCPLTQLARSLKESAAKVLLR
SDCHLSTQASPLVESEDGSQVERKGFNPWGLHCHQAHLTRLCSQYPEDKRHRFLLLENVVSQYKQPCILD
LKMGTQRHQGD DASEEKKARHMKKCAQSTSACLGVRICGMQVYQTDQKSFLCKDKYYGRKLSVEGFRQALS
QFLHDGTRLRAELLEPILRRLQALLTVIRSQSSYRFYSSSVLIYDGEPPQTTQGSTSGGVTS G DPAKVD
VRMIDFAHTTFKGSWNEHTTYEGPDPGYIFGLENLIGILRDIQEGE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-MYC/DDK

Predicted MW: 44.4 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

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 after receiving vials.

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: [NP_766615](#)

Locus ID: 271424

UniProt ID: [Q8BWD2](#)



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RefSeq Size:	2305
Cytogenetics:	17 A3.3
RefSeq ORF:	1188
Synonyms:	D830007E07Rik; lhpk3
Summary:	Converts inositol hexakisphosphate (InsP6) to diphosphoinositol pentakisphosphate (InsP7/PP-InsP5). Converts 1,3,4,5,6-pentakisphosphate (InsP5) to PP-InsP4 (By similarity). [UniProtKB/Swiss-Prot Function]