

## Product datasheet for **TP324409**

### **GK5 (NM\_001039547) Human Recombinant Protein**

#### **Product data:**

|  |   |
|--|---|
| <b>Product Type:</b>                         | Recombinant Proteins  |
| <b>Description:</b>                          | Recombinant protein of human glycerol kinase 5 (putative) (GK5), 20 µg                |
| <b>Species:</b>                              | Human   |
| <b>Expression Host:</b>                      | HEK293T   |
| <b>Expression cDNA Clone or AA Sequence:</b> | >RC224409 representing NM_001039547<br><b>Red</b> =Cloning site <b>Green</b> =Tags(s) |

MSGLLTDPEQRAQEPYPGFVLGLDVGSSVIRCHVYDRAARVCGSSVQKVENLYPQIGWVEIDPDVLWIQ  
FVAVIKEAVKAAGIQMNQIVGLGISTQRATFITWNKKTGNHFHNFISWQDLRAVELVKSNNLMLKIFH  
SSCRVLHFFTRSKRLFTASLFTTTQQTSLRLVWILQNLTEVQKAVEEENCCFGTIDTWLLYKLTGKSVY  
ATDFSNASTTGLFDPYKMCWSGMITSLISIPLSLLPPVRDTSNFGSVDEEIGVPIPIVALVADQQSAM  
FGECCFQTGDVCLTMGTGTFDINTGNSLQQTGGFYPLIGWKIGQEVCLAESNAGDTGTAIKWAQQLD  
LFTDAAETEKMAKSLEDSEGVCFVPSFSGLQAPLNDPWACASFMGLKPSTSKYHLVRAILESIAFRNKQL  
YEMMKKEIHIPVRKIRADGGVCKNGFVMQMTSDLINENIDRPADIDMSCLGAASLAGLAVGFWDKEELK  
KLRQSEVVFQKQKCCQEYEMSLNWAQAVKRSMNWYNKT

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

|                       |  |
|-----------------------|--|
| <b>Tag:</b>           | C-Myc/DDK  |
| <b>Predicted MW:</b>  | 59 kDa   |
| <b>Concentration:</b> | >0.05 µg/µL as determined by microplate BCA method   |
| <b>Purity:</b>        | > 80% as determined by SDS-PAGE and Coomassie blue staining  |
| <b>Buffer:</b>        | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol   |
| <b>Preparation:</b>   | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.                                     |
| <b>Note:</b>          | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process. |
| <b>Storage:</b>       | Store at -80°C.  |
| <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.        |



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RefSeq: [NP\\_001034636](#)

Locus ID: 256356

UniProt ID: [Q6ZS86](#)

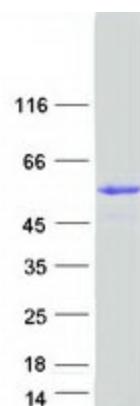
RefSeq Size: 9834

Cytogenetics: 3q23

RefSeq ORF: 1587

Protein Families: Druggable Genome

### Product images:



Coomassie blue staining of purified GK5 protein (Cat# TP324409). The protein was produced from HEK293T cells transfected with GK5 cDNA clone (Cat# [RC224409]) using MegaTran 2.0 (Cat# [TT210002]).