

Product datasheet for **TP530480**

Gk (NM_001294138) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse glycerol kinase (Gk), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR230480 protein sequence Red =Cloning site Green =Tags(s)

MAAAKKA VLGPLV GAVDQGTSSTRFLVFN SKTAELL SHHQVEIKQEF PREGWVEQDPKEILQSVYECIEK
TCEKLGQLNIDISNIKAIGVSNQRETTVWWDKVTGEPLYNAVAAPVSPGSSVPVAVWPSGSSVPAAGASS
VWDLRQTSTVENLSKRIPGNNNFVKSKTGLPLSTYFSAVKLRWLLDNVKKVQEA VEENRALFGTIDSWL
IWSLTGGIHGGVHCTDVTNASRTMLFNIHSLEWDKELCEFFGIPMEILPNVRSSEIYGLMKAGALEGVP
ISGCLGDQSAALVGQMCFQDGQAKNTYGTGCFLLCNTGHKCVFSEHGLLTTVAYKLRDKP VVYALEGSV
AIAGAVIRWLRDNLGIIKSSEEIEKLAKEVGT SYGCFVPAFSGLYAPYWEPSARGIICGLTQFTNKCHI
AFAALEAVCFQTREILDAMNRDCGIPLSHLQVDGGMTSNKILMQLQADILYIPVVKPSPMPETTALGAAMA
AGAAEGVGVSLEPEDLSAVTMERFEPQINAESEIRYSTWKKAVMKSIGWTTQSPESGIP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	59.8 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_001281067



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Locus ID: 14933

UniProt ID: [Q3TEN9](#), [B1ASZ3](#), [Q3TET2](#)

RefSeq Size: 4441

Cytogenetics: X 39.32 cM

RefSeq ORF: 1656

Synonyms: D930012N15Rik; Gyk

Summary: Key enzyme in the regulation of glycerol uptake and metabolism.[UniProtKB/Swiss-Prot Function]