

Product datasheet for TP506062

Phkg1 (NM_011079) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse phosphorylase kinase gamma 1 (Phkg1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR206062 representing NM_011079 Red =Cloning site Green =Tags(s)
	MTRDDALPDSHSAQTFYENYEPKEILGRGVSSVVRRCIHKPTCQEYAVKIIDITGGGSFSSEEVQELREA TLKEVDILQKVS GHPNIIQLKDTYETNTFFFLVFDLMKRGELFDYLTEKVTLTEKETRKIMRALLEVICT LHKLNIVHRDLKPENILLDDNMNIKLTDFGFSCQLQPGEKLREVC GTPSYLAPEIIQCSMDDGHPGYGKE VDMWSTGVIMYTL LAGSPPFWHRKQMLMLRMIMDGKYQFGSPEWDDYSDTVKDLVSRFLVWPQDRCSAE EALAHPPFFQEYVVEVRHFSPRGKFKVICLTVLASVKIYYQYRRVKPVTREIVIRDPYALRPLRRLIDAY AFRIYGHWWKKGQQNRAALFENTPKAVLLSLAEEDF
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	45.4 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_035209
Locus ID:	18682
UniProt ID:	P07934



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RefSeq Size: 2391

Cytogenetics: 5 68.26 cM

RefSeq ORF: 1164

Synonyms: Phkg

Summary: Catalytic subunit of the phosphorylase b kinase (PHK), which mediates the neural and hormonal regulation of glycogen breakdown (glycogenolysis) by phosphorylating and thereby activating glycogen phosphorylase. In vitro, phosphorylates PYGM, TNNI3, MAPT/TAU, GAP43 and NRGN/RC3 (By similarity).[UniProtKB/Swiss-Prot Function]