

## Product datasheet for **TP314937M**

### MYLK4 (NM\_001012418) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human myosin light chain kinase family, member 4 (MYLK4), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC214937 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MLKVKRLEEFNTCYNSNQLEKMAFFQCREEVEKVKCFLEKNSGDQDSRSRHNEAKEVWSNADLTERMPVK  
SKRTSALAVDIPAPPAPFDHRIVTAKQGAVNSFYTVSKTEILGGGRFGQVHKCEETATGLKLAAKIIKTR  
GMKDKEEVKNEISVMNQLDHANLIQLYDAFESKNDIVLVMEYVDGGELFDRIIDESYNLTELDTILFMKQ  
ICEGIRHMHQMYILHLDLKPENILCVNRDAKQIKIIDFGLARRYKPREKLKVNFGTPEFLAPEVVNYDFV  
SFPTDMWSVGVIAYMLLSGLSPFLGDNDAETLNNILACRWDLEDEEFQDISEEAKFISKLLIKEKSWRI  
SASEALKHPWLSDHKLHSRLNAQKKKNRGSDAQDFVTK

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

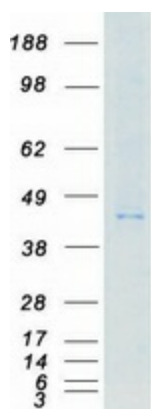
Tag:	C-Myc/DDK
Predicted MW:	44.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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.
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><a href="#">NP_001012418</a></u>
Locus ID:	340156



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UniProt ID:	<a href="#">Q86YV6</a>
RefSeq Size:	5760
Cytogenetics:	6p25.2
RefSeq ORF:	1164
Synonyms:	SgK085
Protein Families:	Druggable Genome, Protein Kinase

### Product images:



Coomassie blue staining of purified MYLK4 protein (Cat# [TP314937]). The protein was produced from HEK293T cells transfected with MYLK4 cDNA clone (Cat# [RC214937]) using MegaTran 2.0 (Cat# [TT210002]).