

Product datasheet for PH314937

MYLK4 (NM_001012418) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	MYLK4 MS Standard C13 and N15-labeled recombinant protein (NP_001012418)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC214937
Predicted MW:	44.6 kDa
Protein Sequence:	>RC214937 protein sequence Red=Cloning site Green=Tags(s)

MLKVKRLEEFNTCYNSNQLKMAFFQCREEVEKVKCFLEKNSGDQDSRSRHNEAKEVWSNADLTERMPVK
SKRTSALAVDIPAPPAPFDHRIVTAKQGAVNSFYTVSKTEILGGGRFGQVHKCEETATGLKLAALKIKTR
GMKDKEEVKNEISVMNQLDHANLIQLYDAFESKNDIVLVMEYVDGGELFDRIIDESYNLTELDTILFMKQ
ICEGIRHMQMYILHLDLKPENILCVNRDAKQIKIIDFGLARRYKPREKLKVNFGTPEFLAPEVVNYDFV
SFPTDMWSVGVIAYMLLSGLSPFLGDNAETLNNILACRWDLEDEEFQDISEEAKEFISKLLIKEKSWRI
SASEALKHPWLSDHKLHSRLNAQKKKNRGSDAQDFVTK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

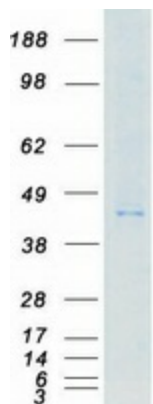
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_001012418</u>
RefSeq Size:	5760
RefSeq ORF:	1164
Synonyms:	SgK085
Locus ID:	340156



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UniProt ID: [Q86YV6](#)
Cytogenetics: 6p25.2
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]).