

Product datasheet for PH306432

FN3K (NM_022158) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	FN3K MS Standard C13 and N15-labeled recombinant protein (NP_071441)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC206432
Predicted MW:	35.2 kDa
Protein Sequence:	>RC206432 protein sequence Red=Cloning site Green=Tags(s) MEQLLRAELRTATLRAFGGPGAGCISEGRAYDTDAGPVFVKVNRRTQARQMFEGEVASLEALRSTGLVRV PRPMKVIDLPGGGAAFVMEHLKMKSLSSQASKLGEQADLHLYNQKLREKLKEEENTVGRRGEGAEPQYV DKFGFHTVCCGFIPQVNEWQDDWPTFFARHRLQAQLDLIEKDYADREARELWSRLQVKIPDLFCGLEIV PALLHGDLWSGNVAEDDVGPPIIYDPASFYGHSEFELAIAMFGGFPRSFYTAYHRKIPKAPGFDQRLLLY QLFNLYLNHWNHFGREYRSPSLGTMRRLLK 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:	NP_071441
RefSeq Size:	1433
RefSeq ORF:	927
Locus ID:	64122
UniProt ID:	Q9H479



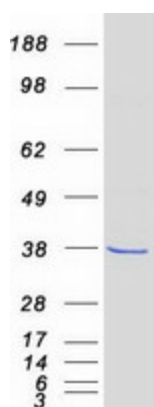
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Cytogenetics: 17q25.3

Summary: A high concentration of glucose can result in non-enzymatic oxidation of proteins by reaction of glucose and lysine residues (glycation). Proteins modified in this way, fructosamines, are less active or functional. This gene encodes an enzyme which catalyzes the phosphorylation of fructosamines which may result in deglycation. [provided by RefSeq, Feb 2012]

Protein Families: Druggable Genome

Product images:



Coomassie blue staining of purified FN3K protein (Cat# [TP306432]). The protein was produced from HEK293T cells transfected with FN3K cDNA clone (Cat# [RC206432]) using MegaTran 2.0 (Cat# [TT210002]).