

Product datasheet for **TP306432M**

FN3K (NM_022158) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human fructosamine 3 kinase (FN3K), 100 µg

Species: Human

Expression Host: HEK293T

**Expression cDNA Clone
or AA Sequence:** >RC206432 protein sequence
Red=Cloning site **Green**=Tags(s)

MEQLLRAELRTATLRAFGGPGAGCISEGRAYDTDAGPVFVKVNRRTQARQMFEGEVASLEALRSTGLVRV
PRPMKVIDLPGGGAFFVMEHLKMKSLSSQASKLGEQMADLHLYNQKLREKLKEENTVGRREGAEPQYV
DKFGFHTVTCCGFIPQVNEWQDDWPTFFARHRLQAQLDLIEKDYADREARELWSRLQVKIPDLFCGLEIV
PALLHGDLWSGNVAEDDVGPIIYDPASFYGHSEFELAIALMFGGFPRSFPTAYHRKIPKAPGFDQRLLLY
QLFNLYLNHWNHFGREYRSPSLGTMRRLLK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 35 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: [NP_071441](#)

Locus ID: 64122



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UniProt ID: [Q9H479](#)

RefSeq Size: 1433

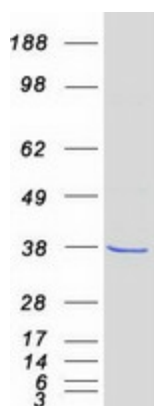
Cytogenetics: 17q25.3

RefSeq ORF: 927

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]).