Recombinant Human FN3K Protein, MYC/DDK-tagged, C13 and N15-labeled

Cat. No. FN3K-230H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	FN3K MS Standard C13 and N15-labeled recombinant protein (NP_071441) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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]
Molecular Mass	35.2 kDa
AA Sequence	MEQLLRAELRTATLRAFGGPGAGCISEGRAYDTDAGPVFVKVNRRTQARQMFEGE VASLEALRSTGLVRVPRPMKVIDLPGGGAAFVMEHLKMKSLSSQASKLGEQMADLH LYNQKLREKLKEEENTVGRRGEGAEPQYVDKFGFHTVTCCGFIPQVNEWQDDWPT FFARHRLQAQLDLIEKDYADREARELWSRLQVKIPDLFCGLEIVPALLHGDLWSGNV AEDDVGPIIYDPASFYGHSEFELAIALMFGGFPRSFFTAYHRKIPKAPGFDQRLLLYQ LFNYLNHWNHFGREYRSPSLGTMRRLLKTRTRPLEQKLISEEDLAANDILDYKDDDD KV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

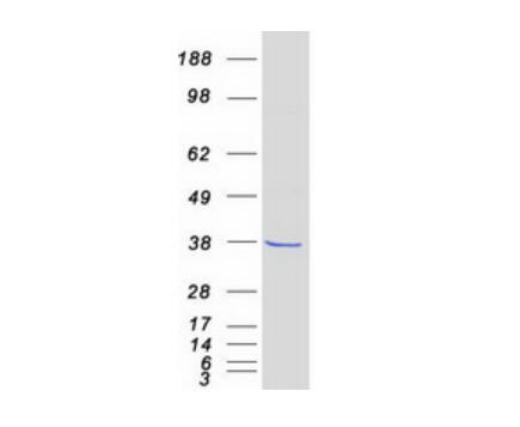
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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	FN3K fructosamine 3 kinase [Homo sapiens (human)]
Official Symbol	FN3K
Synonyms	FN3K; fructosamine 3 kinase; fructosamine-3-kinase;
Gene ID	64122
mRNA Refseq	NM_022158
Protein Refseq	NP_071441
MIM	608425
UniProt ID	Q9H479

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SDS-PAGE	

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