

Recombinant Human FN3K, His-tagged

Cat. No. FN3K-26307TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length protein, corresponding to amino acids 1-309 of Human FN3K with N terminal His tag, 39kDa.
Species	Human
Source	E.coli
ProteinLength	1-309 a.a.
Description	FN3K catalyzes phosphorylation of fructosamines formed by glycation, the nonenzymatic reaction of glucose with primary amines followed by Amadori rearrangement. Phosphorylation of fructosamines may initiate metabolism of the modified amine and result in deglycation of glycated proteins (Delpierre et al.
Conjugation	HIS
Form	Lyophilised:Reconstitute with 94 µl aqua dest.
Storage buffer	Preservative: NoneConstituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5
Storage	Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	MEQLLR AELRTATLRAFGGPGAGCISEGRAYD TDAGPVFV KVNRRRTQARQMFEGE VASLEALRSTGLVRVPRPMKVID LPGGGA AFVMEHLKMKSLSSQASKLGEQMADL

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HLYNQK LREKLKEEENTVGRRGEGAEPQYVDKFGFHTVTCCGFIPQ VNEWQDDW
 PTF FARHRLQAQLDLIEKDYADREARELWS RLQVKIPDLFCGLEIVPALLHGDLWSG
 NVAEDDVGP II YDPASFYGHSEFELAIALMFGGFPRSFFTAYHRKIPKAPGFDQRLLL
 YQLFNYLHNHWNHFGREYRSPSLGTMRRLLK

Full Length Full L.

GENE INFORMATION

Gene Name FN3K fructosamine 3 kinase [Homo sapiens]

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

Chromosome Location 17q25

Function fructosamine-3-kinase activity;

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