

## Recombinant Human FN3K, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant full length protein, corresponding to amino acids 1-309 of Human FN3K with N terminal His tag, 39kDa.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-309 a.a.
<b>Description</b>	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.
<b>Conjugation</b>	HIS
<b>Form</b>	Lyophilised:Reconstitute with 94 µl aqua dest.
<b>Storage buffer</b>	Preservative: None Constituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
<b>Sequences of amino acids</b>	MEQLLRAELRTATLRAFGGPGAGCISEGRAYDTDAGPVFV KVNRRRTQARQMFEGE VASLEALRSTGLVRVPRPMKVID LPGGGAAFVMEHLKMKSLSSQASKLGEQMADL

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HLYNQK LREKLKEEENTVGRRGEGAEPQYVDKFGFHTVTCCGFIPQ VNEWQDDW  
 PTF FARHRLQAQLDLIEKDYADREARELWS RLQVKIPDLFCGLEIVPALLHGDLWSG  
 NVAEDDVGPII YDPASFYGHSEFELAIALMFGGFPRSFFTAYHRKIPKAPGFDQRLLL  
 YQLFNLYLNHWNHFGREYRSPSLGTMRRLLK

**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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