Recombinant Human FN3K Protein (Met1-Lys309), His tagged

Cat. No. FN3K-3612H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human FN3K (Met1-Lys309) protein fused with His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Lys309
Description	Fructosamine-3-kinase involved in protein deglycation by mediating phosphorylation of fructoselysine residues on glycated proteins, to generate fructoselysine-3 phosphate. Fructoselysine-3 phosphate adducts are unstable and decompose under physiological conditions. Involved in intracellular deglycation in erythrocytes. Involved in the response to oxidative stress by mediating deglycation of NFE2L2/NRF2, glycation impairing NFE2L2/NRF2 function. Also able to phosphorylate psicosamines and ribulosamines
Molecular Mass	36.16 kDa
Purity	>90 % as determined by SDS-PAGE.
Notes	For research use only.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the

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	date of receipt.
Storage Buffer	Supplied as solution form in PBS pH 7.5 or lyophilized from PBS pH 7.5.
Reconstitution	Reconstitute in sterile water for a stock solution.
Shipping	In general, proteins are provided as lyophilized powder/frozen liquid. They are shipped out with dry ice/blue ice unless customers require otherwise.

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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