

Recombinant Human FN3K, GST-tagged

Cat. No. FN3K-12951H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human FN3K protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-309a.a.
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.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	FN3K fructosamine 3 kinase [Homo sapiens]
Official Symbol	FN3K

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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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