

Recombinant Full Length Human FN3KRP Protein, GST-tagged

Cat. No. FN3KRP-5003HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human FN3KRP full-length ORF (NP_078895.2, 1 a.a. - 309 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	309 amino acids
Description	FN3KRP and FN3K (MIM 608425) protect proteins from nonenzymatic glycation by phosphorylating the modified amino acid. This phosphorylation destabilizes the sugar-amine linkage and leads to spontaneous decomposition (Conner et al., 2004 [PubMed 15381090]).[supplied by OMIM
Molecular Mass	60.8 kDa
AA Sequence	MEELLRRELGCSSVRATGHSGGGCISQGRSYDTDQGRVFKVNPKAEEARRMFEGE MASLTAILKTNTVKVPKPIKVLDPGGGSVLVMEHMDMRHLSSHAACLGAQLADLHL DNKKLGEMRLKEAGTVGRGGGQEERPFVARFGFDVVTCCGYLPQVNDWQEDWVV FYARQRIQPQMDMVEKESGDREALQLWSALQLKIPDLFRDLEIIPALLHGDWGGNV AEDSSGPVIFDPASFYGHSEYELAIAGMFGGFSSSFYSAYHGKIPKAPGFEEKRLQLY QLFHLYLNHWNHFGSGYRGSSLNIMRNLVK
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

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	Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	FN3KRP fructosamine 3 kinase related protein [Homo sapiens]
Official Symbol	FN3KRP
Synonyms	FN3KRP; fructosamine 3 kinase related protein; ketosamine-3-kinase; FLJ12171; FN3KL; FN3K-RP; FN3K-related protein; fructosamine-3-kinase-related protein;
Gene ID	79672
mRNA Refseq	NM_024619
Protein Refseq	NP_078895
MIM	611683
UniProt ID	Q9HA64

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