

Recombinant Mouse Fn3krp Protein, Myc/DDK-tagged

Cat. No. Fn3krp-3060M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length fructosamine 3 kinase related protein (Fn3krp), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Ketosamine-3-kinase involved in protein deglycation by mediating phosphorylation of ribuloselysine and psicoselysine on glycated proteins, to generate ribuloselysine-3 phosphate and psicoselysine-3 phosphate, respectively. Ribuloselysine-3 phosphate and psicoselysine-3 phosphate adducts are unstable and decompose under physiological conditions. Not able to phosphorylate fructoselysine.
Molecular Mass	34.5 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Fn3krp fructosamine 3 kinase related protein [Mus musculus (house mouse)]
Official Symbol	Fn3krp
Synonyms	FN3KRP; fructosamine 3 kinase related protein; ketosamine-3-kinase; fructosamine 3-kinase-related protein; fructosamine-3-kinase-related protein; ortholog of human fructosamine-3-kinase-related protein FN3KRP; FN3K-RP; MGC40640; RP23-293H17.3
Gene ID	238024
mRNA Refseq	NM_181420
Protein Refseq	NP_852085
UniProt ID	Q8K274

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