

Product datasheet for **TP504379**

Fn3krp (NM_181420) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse fructosamine 3 kinase related protein (Fn3krp), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR204379 representing NM_181420 Red =Cloning site Green =Tags(s)
	<p>METLLKRELGCSSVKATGHSGGGCISQGQSYDTDKGRVFKVNSKAEARRMFEGEMASLTAILKTGTVKV PKPIKVVDPAGGGSMMLVMEHLDMRYLSSHATKLGTLADLHLENKRLGERLLKEAGTVGKGGGEQAERQYV DQFGFDWTCCGYLPQVNDWQKNWVEFYARQRIQPQMDMVEKKS GDREALELWSALQLKIPDLFRDLEIV PALLHGDLWGGNVAEDSSGPIIFDPASFYGHSEYELAIAGMFGGFSSSFYSAYHSKIPKTPGF EKRLQLY QLFHLYLNHWNHFGSGYRGSSLNIMRNLSK</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	34.5 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_852085</u>
Locus ID:	238024
UniProt ID:	<u>Q8K274</u>



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RefSeq Size: 2028

Cytogenetics: 11 E2

RefSeq ORF: 927

Synonyms: FN3K-RP

Summary: Phosphorylates psicosaamines and ribulosamines, but not fructosamines, on the third carbon of the sugar moiety. Protein-bound psicosaamine 3-phosphates and ribulosamine 3-phosphates are unstable and decompose under physiological conditions. Thus phosphorylation leads to deglycation.[UniProtKB/Swiss-Prot Function]