

Product datasheet for **TP509059**

Tkfc (NM_145496) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse trikinase, FMN cyclase (Tkfc), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR209059 representing NM_145496 Red =Cloning site Green =Tags(s)

MSSKKMVNSVEGCADDALAGLVASNPDLQLLQGHRVALRSDLDLTKGRVALLSGGGSGHEPAHAGFIGKG
MLTGVIAGSVFASPPVGSILAAIRAVAQAGTVGTLIVKNYTGDRLNFLAMEQAKAEGISVEMVIVEDD
SAFTVLKKGARRGLCGTVLIHKVAGALAEEGMGLEEITKRVSIAKTMGTLGVSLSSCSVPGATHTFELA
ADEIELGLGIHGEAGVRRIKIAPVDQIVTLMLDHMTNTSNIFHVPVRSVSVLIVNNLGGLSFLELGII
ADAAIRLLEGRGVKVARALVGTFMSALEMPGVSLTLMVDEPVKLIDAETTAKAWPHMAKVSVTGRKRI
RAAPTEPPEAPEATAAGGVTSKQMALVLDRICTTLIGLEEHLNALDRAAGDGDGCGSTHSRAAKAIQGWLK
EGPSLTSPAQVLSRLSVLLERMGGSSGALYGLFLTAAAQPLKAKTDLPTWSAAMDAGLESMQKYGKAAP
GDRTMLDSLWAAAQEFQAWKSPGASLLPVLTKAVKSAEAAAEEATKNMEAGAGRASYISSAQLDQDPGAV
AAAAIFRAILEVLQTQGA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	59.7 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.



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RefSeq:	NP_663471
Locus ID:	225913
UniProt ID:	Q8VC30
RefSeq Size:	2350
Cytogenetics:	19 A
RefSeq ORF:	1734
Synonyms:	BC021917; Dak
Summary:	Catalyzes both the phosphorylation of dihydroxyacetone and of glyceraldehyde, and the splitting of ribonucleoside diphosphate-X compounds among which FAD is the best substrate. Represses IFIH1-mediated cellular antiviral response.[UniProtKB/Swiss-Prot Function]