

Recombinant Mouse Tkfc Protein, Myc/DDK-tagged

Cat. No. Tkfc-6443M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length triokinase, FMN cyclase (Tkfc), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	59.7 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.

GENE INFORMATION

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Gene Name	Tkfc triokinase, FMN cyclase [Mus musculus (house mouse)]
Official Symbol	Tkfc
Synonyms	Tkfc; triokinase, FMN cyclase; Da; Dak; BC021917; triokinase/FMN cyclase; bifunctional ATP-dependent dihydroxyacetone kinase/FAD-AMP lyase (cyclizing); dihydroxyacetone kinase 2 homolog; EC 2.7.1.28; EC 2.7.1.29; EC 4.6.1.15
Gene ID	225913
mRNA Refseq	NM_145496
Protein Refseq	NP_663471
UniProt ID	Q8VC30

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