

Recombinant Mouse Tktl1 Protein, Myc/DDK-tagged

Cat. No. Tktl1-6445M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length transketolase-like 1 (Tktl1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Catalyzes the transfer of a two-carbon ketol group from a ketose donor to an aldose acceptor, via a covalent intermediate with the cofactor thiamine pyrophosphate.
Molecular Mass	65.2 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	Tktl1 transketolase-like 1 [Mus musculus (house mouse)]
Official Symbol	Tktl1
Synonyms	TKTL1; transketolase-like 1; transketolase-like protein 1; TK 2; transketolase 2; C79967; MGC132800
Gene ID	83553
mRNA Refseq	NM_031379
Protein Refseq	NP_113556
UniProt ID	Q99MX0

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