

Recombinant Mouse Tktl2 Protein, Myc/DDK-tagged

Cat. No. Tktl2-6446M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length transketolase-like 2 (Tktl2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Plays an essential role in total transketolase activity and cell proliferation in cancer cells; after transfection with anti-TKTL1 siRNA, total transketolase activity dramatically decreases and proliferation was significantly inhibited in cancer cells. Plays a pivotal role in carcinogenesis.
Molecular Mass	68.5 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	Tktl2 transketolase-like 2 [Mus musculus (house mouse)]
Official Symbol	Tktl2
Synonyms	TKTL2; transketolase-like 2; transketolase-like protein 2; 4933401I19Rik
Gene ID	74419
mRNA Refseq	NM_028927
Protein Refseq	NP_083203
UniProt ID	Q9D4D4

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