

Recombinant Mouse Tpi1 Protein, Myc/DDK-tagged

Cat. No. Tpi1-6596M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length triosephosphate isomerase 1 (Tpi1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Triosephosphate isomerase is an extremely efficient metabolic enzyme that catalyzes the interconversion between dihydroxyacetone phosphate (DHAP) and D-glyceraldehyde-3-phosphate (G3P) in glycolysis and gluconeogenesis.
Molecular Mass	32.6 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

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Gene Name	Tpi1 triosephosphate isomerase 1 [Mus musculus (house mouse)]
Official Symbol	Tpi1
Synonyms	TPI1; triosephosphate isomerase 1; triosephosphate isomerase; TIM; triosephosphate isomerase; Tpi; Tpi-1; AI255506
Gene ID	21991
mRNA Refseq	NM_009415
Protein Refseq	NP_033441
UniProt ID	P17751

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