Recombinant Human TKT, GST-tagged

Cat. No. TKT-3248H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TKT protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	C-term-350aa
Storage	The protein is stored in PBS buffer at -20℃. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100,15%glycerol.

GENE INFORMATION

Gene Name	TKT transketolase [Homo sapiens]
Official Symbol	TKT
Synonyms	TKT; transketolase; Wernicke Korsakoff syndrome; TK; TKT1; FLJ34765;
Gene ID	7086

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mRNA Refseq	NM_001064
Protein Refseq	NP_001055
MIM	606781
UniProt ID	P29401
Chromosome Location	3p14.3
Pathway	Insulin effects increased synthesis of Xylulose-5-Phosphate, organism-specific biosystem; Integration of energy metabolism, organism-specific biosystem; Metabolic pathways, organism-specific biosystem; Metabolism, organism-specific biosystem; Metabolism o
Function	magnesium ion binding; monosaccharide binding; thiamine pyrophosphate binding; transferase activity; transketolase activity;

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