

Recombinant Human TKTL1, His-tagged

Cat. No. TKTL1-3249H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human TKTL1 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	N-term-300aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

GENE INFORMATION

Gene Name	TKTL1 transketolase-like 1 [Homo sapiens]
Official Symbol	TKTL1
Synonyms	TKTL1; transketolase-like 1; transketolase-like protein 1; TKR; TKT2; TK 2; transketolase-2; transketolase-related protein;
Gene ID	8277

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mRNA Refseq	NM_001145933
Protein Refseq	NP_001139405
MIM	300044
UniProt ID	P51854
Chromosome Location	Xq28
Pathway	Metabolic pathways, organism-specific biosystem; Pentose phosphate pathway, organism-specific biosystem; Pentose phosphate pathway, conserved biosystem; Pentose phosphate pathway (Pentose phosphate cycle), organism-specific biosystem; Pentose phosphate pa
Function	catalytic activity; metal ion binding; transferase activity; transketolase activity;

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