

TKTL1 抗原（重组蛋白）

中文名称： TKTL1 抗原（重组蛋白）

英文名称： TKTL1 Antigen (Recombinant Protein)

别名： transketolase-like 1; TKR; TKT2

储存： 冷冻（-20℃）

相关类别： 抗原

概述

Fusion protein corresponding to a region derived from 400-596 amino acids of human TKTL1

技术规格

Full name:	transketolase-like 1
Synonyms:	TKR; TKT2
Swissprot:	P51854
Gene Accession:	BC025382
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	The protein encoded by this gene is a transketolase that acts as a homodimer and catalyzes the conversion of sedoheptulose 7-phosphate and D-glyceraldehyde 3-phosphate to D-ribose 5-phosphate and D-xylulose 5-phosphate. This reaction links the pentose phosphate pathway with the glycolytic pathway. Variations in this gene may be the cause of Wernicke-Korsakoff syndrome. Three transcript variants encoding different isoforms have been found for this gene.