

## 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

|                           |  |
|---------------------------|--|
| <b>Full name:</b>         | transketolase-like 1   |
| <b>Synonyms:</b>          | TKR; TKT2  |
| <b>Swissprot:</b>         | P51854   |
| <b>Gene Accession:</b>    | BC025382   |
| <b>Purity:</b>            | >85%, as determined by Coomassie blue stained SDS-PAGE   |
| <b>Expression system:</b> | Escherichia coli   |
| <b>Tags:</b>              | His tag C-Terminus, GST tag N-Terminus   |
| <b>Background:</b>        | 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 isoform |

s have been found for this gene.