

## TPMT 抗原（重组蛋白）

中文名称：TPMT 抗原（重组蛋白）

英文名称： TPMT Antigen (Recombinant Protein)

别名： thiopurine S-methyltransferase; TPMTD

储存： 冷冻（-20℃）

相关类别： 抗原

概述：

Fusion protein corresponding to a region derived from 1-245 amino acids of human TPMT

技术规格：

<b>Full name:</b>	thiopurine S-methyltransferase
<b>Synonyms:</b>	TPMTD
<b>Swissprot:</b>	P51580
<b>Gene Accession:</b>	BC005339
<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>	This gene encodes the enzyme that metabolizes thiopurine drugs via S-adenosyl-L-methionine as the S-methyl donor and S-adenosyl-L-homocysteine as a byproduct. Thiopurine drugs such as 6-mercaptopurine are used as chemotherapeutic agents. Genetic polymorphisms that affect this enzymatic activity are correlated with variations in sensitivity and toxicity to such drugs within individuals, causing thiopurine S-methyltransferase deficiency. Related pseudogenes have been identified on chromosomes 3, 18 and X.

