

# Recombinant Human TPMT

Catalog No: #GP13119



Package Size: #GP13119-1 100ug

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## Description

Product Name	Recombinant Human TPMT
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 1-245 amino acids of human TPMT
Target Name	thiopurine S-methyltransferase
Other Names	TPMTD
Accession No.	Swissprot:P51580Gene Accession:BC005339
Uniprot	P51580
GeneID	7172;
Storage	-20~-80°C, pH 7.6 PBS

## Background

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.

## References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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