

Recombinant Human TPMT protein, GST-tagged

Cat. No. TPMT-3612H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TPMT protein(P51580)(4-244aa), fused to N-terminal GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	4-244aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	54.7 kDa
AA Sequence	TRTSLDIEEYSDTEVQKNQVLTLEEWQDKWVNGKTAFHQEQGHQLLKKHLDFTFLKG KSGLRVFFPLCGKAVEMKWFADRGHSSVVGVEISELGIQEFFTEQNLSYSEEPITEIPG TKVFKSSSGNISLYCCSIFDLPRTNIGKFDMIWDRGALVAINPGDRKCYADTMFSLLG KKFQYLLCVLSYDPTKHPGPPFYVPHAEIERLFGKICNIRCLEKVDAFEERHKSWGID CLFEKLYLLTE
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid

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repeated freeze-thaw cycles.

Reconstitution

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

GENE INFORMATION

Gene Name TPMT thiopurine S-methyltransferase [Homo sapiens]

Official Symbol TPMT

Synonyms TPMT; thiopurine S-methyltransferase; S-adenosyl-L-methionine:thiopurine S-methyltransferase;

Gene ID 7172

mRNA Refseq NM_000367

Protein Refseq NP_000358

MIM 187680

UniProt ID P51580

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