

## Thiopurine S-methyltransferase Human Recombinant

<b>Item Number</b>	rAP-1715
<b>Synonyms</b>	TPMT, Thiopurine S-methyltransferase, EC 2.1.1.67, Thiopurine methyltransferase.
<b>Description</b>	TPMT Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 245 amino acids (1-245) and having a molecular mass of 28 kDa. Thiopurine S-methyltransferase is purified by proprietary chromatographic techniques.
<b>Uniprot Accession Number</b>	P51580
<b>Amino Acid Sequence</b>	MDGTRTSLDI EEYS DTEVQK NQVLTLEEWQ DKWVNGKTAF HQEQGHQLLK KHLDTFLKGKSGLRVFF-PLC GKAVEMKWFA DRGHSVVGVE ISELGIEFF TEQNLSYSEE PITEIPGTKVFKSSSGNISL YCC-SIFDLPR TNIGKFDMIW DRGALVAINP GDRKCYADTM FSLLGKKFY LLCVLSYDPT KHPGPPFYVP HAEIERLFGK ICNIRRLEKV DAFEERHKSW GIDCLFEKLYLLTEK.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
<b>Formulation and Purity</b>	1 mg/ml solution containing 20mM Tris 8.0, 0.2mM PMSF and 2mM EDTA. Greater than 95.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**