



Recombinant Human TPMT Protein Product Manual

1. Product Basic Information

Product No.: REP08532

Protein Name: Thiopurine S-Methyltransferase (TPMT)

Aliases: thiopurine S-methyltransferase

UniProt ID: P51580

UniProt Link: <https://www.uniprot.org/uniprotkb/P51580/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Partial (4-244aa)

Molecular Weight: 54.7kDa

Protein Tag: N-terminal GST-tagged

2. Amino Acid Sequence (4-244aa)

TRTSLDIEEYSDTEVQKNQVLTLEEWQDKWVNGKTAFHQEQGHQLLKKHLDTFLK
GKSGLRVFFPLCGKAVEMKWFADRGHVVGVEISELGIQEFFTEQNLSYSEEPITEI
PGTKVFKSSSGNISLYCCSIFDLPRTNIGKFDMIWDRGALVAINPGDRKCYADTMFS
LLGKKFQYLLCVLSYDPTKHPGPPFYVPHAEIERLFGKICNIRCLEKVDAFEERHKS
WGIDCLFEKLYLLTE

3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.

4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause



5. Product Description

This product is a recombinant Human TPMT partial protein (4-244aa) expressed in E.coli. The protein is with GST tag at the N-terminus, which facilitates protein purification, detection and identification. TPMT, also known as thiopurine S-methyltransferase, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.