

## Thiopurine S-methyltransferase (TPMT) Recombinant Protein | TPMT recombinant protein

Recombinant Human Thiopurine S-methyltransferase (TPMT), partial

|                              |                                                                 |
|------------------------------|-----------------------------------------------------------------|
| CATALOG #<br><b>AAA81611</b> | HOST<br><b>E Coli or Yeast or Baculovirus or Mammalian Cell</b> |
|------------------------------|-----------------------------------------------------------------|

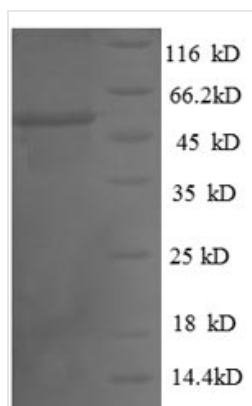
### PRODUCT SYNONYMS

Thiopurine S-methyltransferase (TPMT); Recombinant Human Thiopurine S-methyltransferase (TPMT); partial; Thiopurine methyltransferase; TPMT recombinant protein

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                   |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                    | E Coli or Yeast or Baculovirus or Mammalian Cell                                                                                                                                                                                                                                  |
| Purity/Purification     | Greater or equal to 85% purity as determined by SDS-PAGE.                                                                                                                                                                                                                         |
| Form/Format             | Lyophilized or liquid (Format to be determined during the manufacturing process)                                                                                                                                                                                                  |
| Sequence Positions      | 4-244aa; Partial                                                                                                                                                                                                                                                                  |
| Sequence                | TRTSLDIEEY SDTEVQKNQV LTLEEWQDKW VNGKTAHFQE QGHQLLKKHL DTFKLGKSGS RVFFPLCGKA<br>VEMKWFADRG HSVVGVEISE LGIQEFFTEQ NLSYSEEPIT EIPGTVFKS SSGNISLYCC SIFDLPRNTI<br>GKFDMIWDRG ALVAINPGDR KCYADTMFSL LGKKFYLLC VLSYDPTKHP GPPFYVPHAE IERLFGKICN<br>IRCLEKVDAF EERHKS WGID CLFEKLYLLT E |
| Sequence Length         | 245                                                                                                                                                                                                                                                                               |
| Preparation and Storage | Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.                                                                                                                                                                                            |

### IMAGES



SDS-PAGE

### ADDITIONAL INFORMATION

|                                                          |                                                                           |
|----------------------------------------------------------|---------------------------------------------------------------------------|
| Related Product Information for TPMT recombinant protein | Catalyzes the S-methylation of thiopurine drugs such as 6-mercaptopurine. |
| Product Categories/Family for TPMT recombinant protein   | <a href="#">Metabolism</a>                                                |

## References

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NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                |
|----------------------------------|------------------------------------------------------------------------------------------------|
| NCBI GeneID                      | 7172                                                                                           |
| UniProt Accession #              | P51580; O14806; O15423; O15424; O15425; O15426; O15515; O15548; O43213; Q5VUK6; Q9UBE6; Q9UBT8 |
| Molecular Weight                 | 54.7 kDa                                                                                       |
| NCBI Official Synonym Full Names | thiopurine S-methyltransferase                                                                 |
| NCBI Official Symbol             | TPMT                                                                                           |
| NCBI Protein Information         | thiopurine S-methyltransferase                                                                 |
| UniProt Protein Name             | Thiopurine S-methyltransferase                                                                 |
| UniProt Gene Name                | TPMT                                                                                           |
| UniProt Entry Name               | TPMT_HUMAN                                                                                     |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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