

Thiopurine Methyltransferase Recombinant Protein | TPMT recombinant protein

Recombinant Thiopurine Methyltransferase (TPMT)

CATALOG # AAA143952	HOST Host: E ColiSource: Prokaryotic expression	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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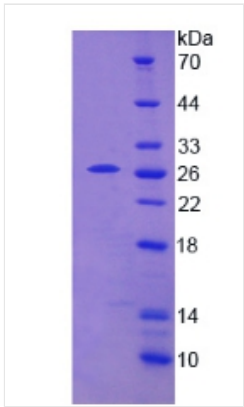
PRODUCT SYNONYMS

Thiopurine Methyltransferase; Recombinant Thiopurine Methyltransferase (TPMT); TPMT recombinant protein

PRODUCT SPECIFICATIONS

Host	Host: E Coli Source: Prokaryotic expression
Purity/Purification	>95%
Form/Format	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Sequence	The target protein is fused with two N-terminal Tags, His-tag and T7-tag. The sequence is listed below. LEEWQDKW VNGKTAHQE QGHQLKKHL DTFKLGKSG LRVFFPLCGKA VEMKWFADRG HSNVGVSEI LGIQEFFTEQ NLSYSEEPIT EIPGTVFKS SSGNISLYCC SIFDLPRNTI GKFDMIWDRG ALVAINPGDR KCYADTMFSL LGKKFQYLLC VLSYDPTKHP GPPFYVPHAE IERLFGKICN IRCLEKVD AF EERH
Sequence Length	245
Applicable Applications for TPMT recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Predicted Molecular Mass	26.9kDa
Accurate Molecular Mass (KD)	27kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Expression System	Prokaryotic expression
Tag	two N-terminal tags, his-tag and T7 tag
Organism Species	Homo sapiens (Human)
Fragment	Leu26-His227
Usage	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

IMAGES



Sequence

LEEWQ DKWVNGKTAF HQEQGHQLLK
KHLDTFLK GK SGLRVFFPLC GKAVEMKWFA DRGHSVVGVE ISELGIQEFF
TEQNLSYSEE PITEIPGTKV FKSSSGNISL YCCSIFDLPR TNIGKFDMIW
DRGALVAINP GDRKCYADTM FSLLGKKFY LLCVLSYDPT KHPGPPFYVP
HAEIERLFGK ICNIRCLEKV DAFEERH

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	386420
NCBI GeneID	7172
Molecular Weight	28,180 Da
NCBI Official Full Name	thiopurine methyltransferase
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.