

Recombinant Human TPMT protein ab54224

画像数 1

製品の詳細

製品名	Recombinant Human TPMT protein
精製度	> 95 % SDS-PAGE. Purified by using conventional chromatography techniques.
発現系	Escherichia coli
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
生物種	Human
配列	MDGTRTSLDI EEYSDTEVQK NQVLTLEEWQ DKWVNGKTAF HQEQGHQLLK KHLDTFLKGK SGLRVFFPLC GKAVEMKWFA DRGHSVVGVE ISELGIQEFF TEQNLSYSEE PITEIPGTKV FKSSSGNISL YCCSIFDLPR TNIGKFDMIW DRGALVAINP GDRKCYADTM FSLLGKKFQY LLCVLSYDPT KHPGPPFYVP HAEIERLFGK ICNIRRLEKV DAFEERHKSW GIDCLFEKLY LLTEK

特性

Our **Abpromise guarantee** covers the use of **ab54224** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	SDS-PAGE
製品の状態	Liquid

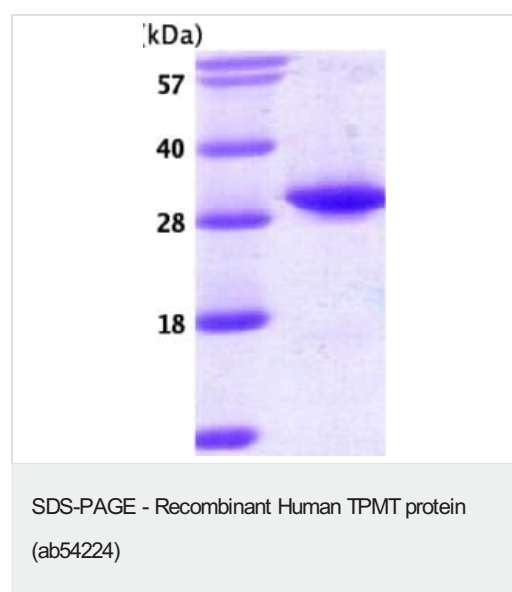
前処理および保存

保存方法および安定性	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles. pH: 8.00 Constituents: 0.00348% PMSF, 0.242% Tris, 0.0584% EDTA
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関連情報

機能	Catalyzes the S-methylation of thiopurine drugs such as 6-mercaptopurine.
関連疾患	Defects in TPMT are the cause of thiopurine S-methyltransferase deficiency (TPMT deficiency) [MIM:610460]. TPMT is an enzyme involved in the normal metabolic inactivation of thiopurine drugs. These drugs are generally used as immunosuppressants or cytotoxic drugs and are prescribed for a variety of clinical conditions including leukemia, autoimmune disease and organ transplantation. Patients with intermediate or no TPMT activity are at risk of toxicity after receiving standard doses of thiopurine drugs and it is shown that inter-individual differences in response to these drugs are largely determined by genetic variation at the TPMT locus.
配列類似性	Belongs to the methyltransferase superfamily. TPMT family.
細胞内局在	Cytoplasm.

画像



ab54224 on 15% SDS-PAGE, MW 28kDa.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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