

Recombinant Human Transaldolase 1 protein ab99243

1 图像

描述	
产品名称	重组人Transaldolase 1蛋白
纯度	> 90 % SDS-PAGE. ab99243 is purified using conventional chromatography techniques.
表达系统	Escherichia coli
Accession	<u>P37837</u>
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
序列	MGSSHHHHHHSSGLVPRGSHMSSSPVKRQRMESALDQLKQ FTTVVADTGD FHAIDEYKPQDATTNPSLILAAAQMPAYQELVEEAIAYGRKL GGSQEDQI KNAIDKLFVLFGAEILKKIPGRVSTEV DARLSFDKDAMVARA RRLIELYK EAGISKDRILIKLSSTWEGIQAGKELEEQHG IHCNMTLLFSF AQAVACAE AGVTLISPFVGRILDWHVANTDKKSYELEDPGVKSVTKIYN YYKKFSYK TIVMGASFRNTGEIKALAGCDFLTISP KLLGELLQDNAKLVP VLSAKAAQ ASDLEKIHLDKESFRWLHNEDQMAVEKLSDGIRKFAADAVKL ERMLTERM FNAENGK
预测分子量	40 kDa including tags
氨基酸	1 to 337
标签	His tag N-Terminus

技术指标

Our **Abpromise guarantee** covers the use of **ab99243** in the following tested applications.

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

应用	SDS-PAGE
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	Mass Spectrometry
质谱法	MALDI-TOF
形式	Liquid
制备和贮存	
稳定性和存储	<p>Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.</p> <p>pH: 8.00</p> <p>Constituents: 0.316% Tris HCl, 10% Glycerol (glycerin, glycerine)</p>
常规信息	
功能	Transaldolase is important for the balance of metabolites in the pentose-phosphate pathway.
通路	Carbohydrate degradation; pentose phosphate pathway; D-glyceraldehyde 3-phosphate and beta-D-fructose 6-phosphate from D-ribose 5-phosphate and D-xylulose 5-phosphate (non-oxidative stage); step 2/3.
疾病相关	Defects in TALDO1 are the cause of transaldolase 1 deficiency (TALDO1 deficiency) [MIM:606003]. It results in telangiectases of the skin, hepatosplenomegaly, and enlarged clitoris.
序列相似性	Belongs to the transaldolase family. Type 1 subfamily.
细胞定位	Cytoplasm.

图片



15% SDS-PAGE showing ab99243 at approximately 39.7kDa (3µg).

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