

Recombinant Human Triosephosphate isomerase protein

ab100826

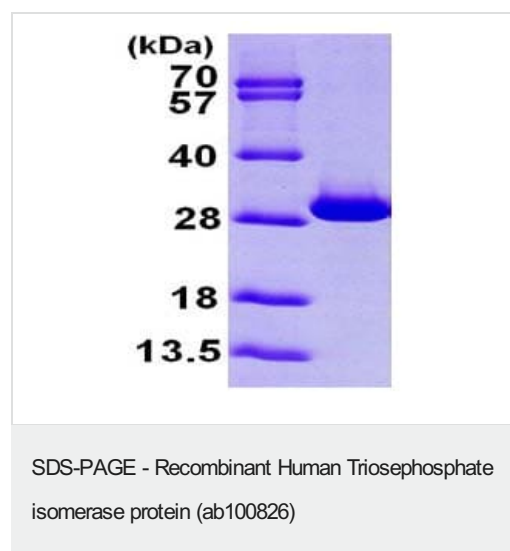
1 [References](#) 1 [Image](#)

描述	
产品名称	重组人Triosephosphate isomerase蛋白
纯度	> 95 % SDS-PAGE. ab100826 is purified using conventional chromatography techniques.
表达系统	Escherichia coli
Accession	P60174
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
序列	MGSSHHHHHSSGLVPRGSHMAPSRKFFVGGNWKMNGRKQ SLGELIGTLN AAKVPADTEVVCAPPTAYIDFARQKLDPKIAVAAQNCYKVTN GAFTGEIS PGMIKDCGATWVVLGHSERRHVFGESEDELIGQKVAHALAEG LGVIAICIG KLDEREAGITEKVVFEQTKVIADNVKDWSKVVLAYEPVWAIG TGKTATPQ QAQEVHEKLRGWLKSNVSDAVAQSTRIIYGGSVTGATCKELA SQPDVDGF LVGGASLKPEFVDIINAKQ
预测分子量	29 kDa including tags
氨基酸	1 to 249
标签	His tag N-Terminus

技术指标	
Our Abpromise guarantee covers the use of ab100826 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
	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: 0.0154% DTT, 0.316% Tris HCl, 10% Glycerol (glycerin, glycerine)</p>
常规信息	
相关性	<p>Triosephosphate isomerase (TIM) catalyses the reversible interconversion of G3P and DHAP. Only G3P can be used in glycolysis, therefore TIM is essential for energy production, allowing two molecules of G3P to be produced for every glucose molecule, thereby doubling the energy yield. Defects in TPI1 are the cause of triosephosphate isomerase deficiency (TPI deficiency) [MIM:190450]. TPI deficiency is an autosomal recessive disorder. It is the most severe clinical disorder of glycolysis. It is associated with neonatal jaundice, chronic hemolytic anemia, progressive neuromuscular dysfunction, cardiomyopathy and increased susceptibility to infection.</p>
细胞定位	Cytoplasmic and Nuclear; extracellular vesicle exosome; extracellular space.

图片



15% SDS-PAGE analysis of 3µg ab100826.

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