

Triosephosphate Isomerase 1 Recombinant Protein | TPI1 recombinant protein

Recombinant Human Triosephosphate Isomerase 1

CATALOG # AAA38854	HOST E Coli
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PRODUCT SYNONYMS

Triosephosphate Isomerase 1; Recombinant Human Triosephosphate Isomerase 1; TPI1 Human; Triosephosphate Isomerase 1 Human Recombinant; TPI; TIM; TPI1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 95% as determined by SDS-PAGE.
Form/Format	(0.5mg/ml) 20mM Tris-HCl buffer (pH8.0), 1mM DTT and 10% glycerol.
Sequence	MGSSHHH HHHSSGLVPR GSHMAPSRKFFV GGNWKMNGRK QSLGELIGTL NAAKVPADTE VVCAPPTAYI DFARQKLDPK IAVAAQNCYK VTNGAFTGEI SPGMIKDCGA TWVVLGHSE RHVFGESDEL IGQKVAHALA EGLGVIACIG EKLDEREAGI TEKVVFEQTK VIADNVKDWS KVVLAYEPVW AIGTGKTATP QQAQEVHEKL RGWLKSNVSD AVAQSTRIIY GGSVTGATCK ELASQPDVDG FLVGGASLKP EFVDIINAKQ
Sequence Length	249
Physical Appearance	Sterile Filtered clear solution.
Preparation and Storage	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for TPI1 recombinant protein	TPI1 produced in E Coli is a single, non-glycosylated polypeptide chain containing 269 amino acids (1-249a.a.) and having a molecular mass of 28.8kDa. TPI1 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Product Categories/Family for TPI1 recombinant protein	Enzymes ; Isomerase

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507645
NCBI GeneID	7167
NCBI Accession #	NP_000356.1
NCBI GenBank Nucleotide #	NM_000365.5
UniProt Accession #	P60174 ; P00938 ; Q6FHP9 ; Q6IS07 ; Q8WWD0 ; Q96AG5 ; B7Z5D8 ; D3DUS9
NCBI Official Full Name	triosephosphate isomerase isoform 1
NCBI Official Synonym Full Names	triosephosphate isomerase 1
NCBI Official Symbol	TPI1
NCBI Official Synonym Symbols	TIM; TPI; TPID; HEL-S-49

NCBI Protein Information	triosephosphate isomerase; epididymis secretory protein Li 49; triose-phosphate isomerase
UniProt Protein Name	Triosephosphate isomerase
UniProt Gene Name	TPI1
UniProt Synonym Gene Names	TPI; TIM
UniProt Entry Name	TPIS_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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Online datasheet: <https://stage.aaabiotech.com/tpi1-recombinant-protein-e-coli/38854>