

Recombinant Human TPI1 protein, GST-tagged

Cat. No. TPI1-3012H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TPI1 (1-249 aa) protein, fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Gln249
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
AA Sequence	MAPSRKFFVGGNWKMNGRKQSLGELIGTLNAAKVPADTEVVCAPPTAYIDFARQKL DPKIAVAAQNCYKVTNGAFTGEISPGMIKDCGATWVVLGHSERRHVFGESEDELIGQK VAHALAEGLGVIACIGEKLDEREAGITEKVVFEQTKVIADNVKDWSKVVLAYEPVWAI GTGKTATPQQAQEVHEKLRGWLKSNSDAVAQSTRIIYGGSVTGATCKELASQPDV DGFLVGGASLKPEFVDIINAKQ
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Stability	Store for up to 12 months at -20°C to -80°C as lyophilized powder.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer

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containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.
Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name TPI1 triosephosphate isomerase 1 [Homo sapiens]

Official Symbol TPI1

Synonyms TPI1; triosephosphate isomerase 1; triosephosphate isomerase; triose-phosphate isomerase; TIM; TPI; MGC88108;

Gene ID 7167

mRNA Refseq NM_000365

Protein Refseq NP_000356

MIM 190450

UniProt ID P60174

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