

# Product Datasheet

## Recombinant Human Triosephosphate isomerase His Protein

**NBP2-53086-20ug**

Unit Size: 20 ug

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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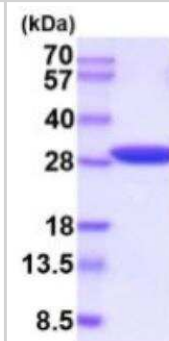


**NBP2-53086-20ug****Recombinant Human Triosephosphate isomerase His Protein**

<b>Product Information</b>	
<b>Unit Size</b>	20 ug
<b>Concentration</b>	0.5 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Preservative</b>	No Preservative
<b>Purity</b>	>95%, by SDS-PAGE
<b>Buffer</b>	20 mM Tris-HCl buffer (pH8.0), 10% glycerol, 1 mM DTT
<b>Target Molecular Weight</b>	28.8 kDa
<b>Product Description</b>	
<b>Description</b>	<p>A bioactive recombinant protein with a N-Terminal His-tag and corresponding to the amino acids 1-249 of Human Triosephosphate isomerase</p> <p><b>Source:</b> <i>E.coli</i></p> <p><b>Amino Acid Sequence:</b> MGSSHHHHHH SSGLVPRGSH MAPSRKFFVG  GNWKMNGRKQ SLGELIGTLN AAKVPADTEV VCAPPTAYID FARQKLDPKI  AVAAQNCYKV TNGAFTGEIS PGMIKDCGAT WVLGHSERR HVFGESDELI  GQKVAHALAE GLGVIACIGE KLDEREAGIT EKVVFEQTKV IADNVKDWSK  VVLAYEPVWA IGTGKTATPQ QAQEVHEKLR GWLKSNSVSDA VAQSTRIIYG  GSVTGATCKE LASQPDVDGF LVGGASLKPE FVDIINAKQ</p>
<b>Gene ID</b>	7167
<b>Gene Symbol</b>	TPI1
<b>Species</b>	Human
<b>Details of Functionality</b>	Specific activity is > 3000 units/mg, in which one unit will convert 1.0 umole of D-glyceraldehyde-3-phosphate to dihydroxyacetone phosphate per minute at pH 7.5 at 25C.
<b>Endotoxin Note</b>	< 1.0 EU per 1 microgram of protein (determined by LAL method)
<b>Product Application Details</b>	
<b>Applications</b>	SDS-Page, Enzyme Activity
<b>Recommended Dilutions</b>	SDS-Page, Enzyme Activity

## Images

SDS-Page: Recombinant Human Triosephosphate isomerase Protein  
[NBP2-53086] - 15% SDS-PAGE (3ug)



15% SDS-PAGE (3ug)



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### **Products Related to NBP2-53086-20ug**

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NBP1-49451-0.1mg	Recombinant Human Triosephosphate isomerase His Protein
210-TA-005	TNF-alpha [Unconjugated]
NBP1-31470	Triosephosphate isomerase Antibody
NB300-221	GAPDH Antibody (1D4)

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

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