

Recombinant Human Transketolase/TKT Protein

Catalog No.: RP03552LQ **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Human	7086	P29401

Tags

N-His-TEV-GG

Synonyms

Transketolase; TK;TKT

Product Information

Source	Purification
<i>E. coli</i>	≥ 95 % as determined by Reducing and Non-Reducing SDS-PAGE.

Calculated MW	Observed MW
69.9 KDa	60-70 kDa

Endotoxin

< 0.01 EU/μg of the protein by LAL method.

Formulation

Supplied as 50 mM HEPES (pH 7.5), 500 mM NaCl, 20% glycerol, 1 mM DTT.

Reconstitution

Background

Catalyzes the transfer of a two-carbon ketol group from a ketose donor to an aldose acceptor, via a covalent intermediate with the cofactor thiamine pyrophosphate.

Basic Information

Description

Recombinant Human Transketolase/TKT Protein is produced by *E. coli* Cells system. The target protein is expressed with sequence (Glu2-ALA623) of Human Transketolase/TKT (Accession #P29401) fused His tag at the N-Terminus.

Bio-Activity

Storage

Store at -70°C. This product is stable at ≤ -70°C for up to 1 year from the date of receipt. For optimal storage, aliquot into smaller quantities after centrifugation and store at recommended temperature. Avoid repeated freeze-thaw cycles. Avoid repeated freeze/thaw cycles.

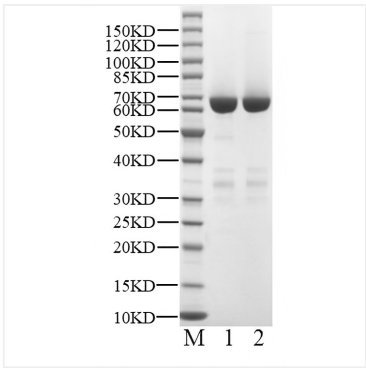
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Validation Data



Recombinant Human Transketolase/TKT Protein was determined by SDS-PAGE under reducing (R) and non-reducing (NR) conditions.