Recombinant Human Transketolase/TKT Protein

Catalog No.: RP03552LQ

Sequence Information

Species
Human

Gene ID
7086

Swiss Prot
P29401

Tags
N-His-TEV-GG

Synonyms
Transketolase, TK,TKT

Product Information

Source
E. coli

Purification
≥ 95 % as determined by Reducing and No-Reducing SDS-PAGE.

Calculated MW
69.9 KDa

Observed MW
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.

Activity

Shipping
Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage
Store at -70℃

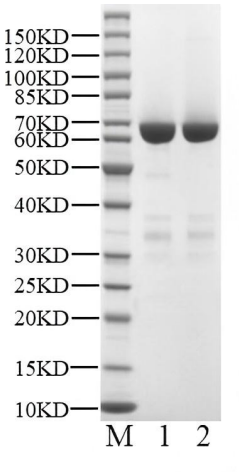
Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

400-999-6126
cn.market@abclonal.com.cn
www.abclonal.com.cn

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Validation Data



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