

Transketolase Recombinant Protein | TKT recombinant protein

Recombinant Transketolase (TKT)

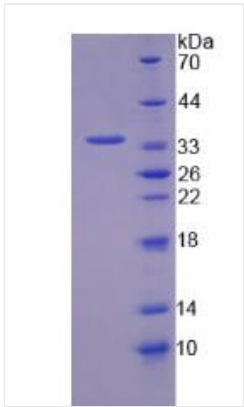
CATALOG # AAA144119	HOST Host: E ColiSource: Prokaryotic expression	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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PRODUCT SYNONYMS

Transketolase; Recombinant Transketolase (TKT); TKT recombinant protein

PRODUCT SPECIFICATIONS

Host	Host: E Coli Source: Prokaryotic expression
Purity/Purification	>90%
Form/Format	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Sequence	The target protein is fused with two N-terminal Tags, His-tag and T7-tag, its sequence is listed below. MDPVRQIQ CDREGKRFPF LSAPPASTSS PDRAMEGYHK PDQKQLQALK DTANRLRISS IQATTAAGSG HPTSCCSAAE IMAVLFFHTM RYKALDPRNP HNDRFVLSKG HAAPILYAVW AEAGFLPEAE LLNLRKISSD LDGHPVPKQA FTDVATGSLG QGLGAACGMA YTGKYFDKAS YRVYCMLGDG EVSEGSVWEA MAFAGIYKLD NLVAIFDINR LGQSDPAPLQ HQVDVYQKRC EAFGWHAIV DGHSVEELCK AFGQAKHQPT AIIAKTFKGR GITGIEDK
Sequence Length	653
Applicable Applications for TKT recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Predicted Molecular Mass	34.9kDa
Accurate Molecular Mass (KD)	35kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Expression System	Prokaryotic expression
Tag	two N-terminal Tags, His-tag and S-tag
Organism Species	Rattus norvegicus (Rat)
Fragment	Met1~Lys286
Usage	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss of this protein is less than 5% within the expiration date under appropriate storage condition.



Sequence

MDPVRQIQCD REGKRFPFLS APPASTSSPD RAMEGYHKPD QKQLQALKDT
ANRLRISSIQ ATTAAGSGHP TSCCSAAEIM AVLFFHTMRY KALDPRNPHN
DRFVLSKGHA APILYAVWAE AGFLPEAELL NLRKISSDLD GHPVPKQAF
DVATGSLGQG LGAACGMAYT GKYPDKASYR VYCM LGDGEV SEGSVWEAMA
FAGIYKLDNL VAIFDINRLG QSDPAPLQHQ VDVYQKRCEA FGWHAIIVDG
HSVEELCKAF GQAKHQPTAI IAKTFKGRGI TGIEDK

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	319754432
Molecular Weight	70,187 Da
NCBI Official Full Name	transketolase
UniProt Protein Name	Transketolase
UniProt Gene Name	Deima_0530
UniProt Entry Name	E8U550_DEIML

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.