

Recombinant Human TKT protein

Cat. No. TKT-3587H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TKT protein(P29401)(1-623aa) was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-623aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	67.9 kDa
AA Sequence	MESYHKPDQQKLQALKDTANRLRISSIQATTAAGSGHPTSCCSAAEIMAVLFFHTMR YKSQDPRNPHNDRFVLSKGHAAPILYAVWAEAGFLAEAELLNLRKISSDLDGHPVPK QAFTDVATGSLGQGLGAACGMAYTGKYFDKASYRVYCLLDGELSEGSVWEAMAF ASIYKLDNLVAILDINRLGQSDPAPLQHQMIDIYQKRCEAFGWHAIIVDGHSVEELCKA FGQAKHQPTAIIAKTFKGRGITGVEDKESWHGKPLPKNMAEQIIQEIYSQIQSKKKILA TPPQEDAPSVDIANIRMPSPSLPSYKVGDKIATR KAYGQALAKLGHASDRIIALDGDTKN STFSEIFKKEHPDRFIECYIAEQNMVSIAVGCATRNRTVPFCSTFAAFFTRAQDQIRM AAISESNINLCGSHCGVSGIEDGPSQMALEDLAMFRSVPTSTVFYPSDGVATEKAVE LAANTKGICFIRTSRPENAIYNNNEDFQVGQAKVVLKSKDDQVTVIGAGVTLHEALA AAELLKKEKINIRVLDPFTIKPLDRKLILDSARATKGRILTVEDHYEYEGGIGEAVSSAVV

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

GEPGITVTHLAVNRVPRSGKPAELLKMFGIDRDAIAQAVRGLITKA

Purity Greater than 85% as determined by SDS-PAGE.

Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Reconstitution Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

GENE INFORMATION

Gene Name TKT transketolase [Homo sapiens]

Official Symbol TKT

Synonyms TKT; transketolase; Wernicke Korsakoff syndrome; TK; TKT1; FLJ34765;

Gene ID 7086

mRNA Refseq NM_001064

Protein Refseq NP_001055

MIM 606781

UniProt ID P29401

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