



# Recombinant Human Transketolase (TKT)

<b>Product Code</b>	CSB-BP023580HU
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P29401
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MESYHKPDQQ KLQALKDTAN RLRISIQAT TAAGSGHPTS CCSAAEIMAV LFFHTMRYKS QDPRNPHNDR FVLSKGHAAP ILYAVWAEAG FLAEAE LLNL RKISSDL DGH PVPKQAF TDV ATGSLGQGLG AACGMAYTGK YFDKASYRVY CLLDG GELSE GSVWEAMAFA SIYKLDNLVA ILDIRLGQS DPAPLQH QMD IYQKRCEAFG WHAIIVD GHS VEELCKAFGQ AKHQPTAIIA KTFKGRGITG VEDKESWHGK PLPKNMAEQI IQEIYSQIQS KKKILATPPQ EDAPSVDIAN IRMPSLPSYK VGDKIATRKA YGQALAKLGH ASDRIIALDG DTKNSTFSEI FKKEHPDRFI ECYIAEQNMV SIAVGCATRN RTVPFCSTFA AFFTRA FDQI RMAAISESNI NLCGSHCGVS IGEDGPSQMA LEDLAMFRSV PTSTVFYPSD GVATEKAVEL AANTKGICFI RTSRPENAI IYNNEDFQVG QAKVVLKSKD DQVTVIGAGV TLHEALAAAE LLKKEKINIR VLDPFTIKPL DRKLILDSAR ATKGRILTVE DHYYEGGIGE AVSSAVVGEP GITVTHLAVN RVPRSGKPAE LLKMFGIDRD AIAQAVRGLI TKA
<b>Source</b>	Baculovirus
<b>Target Names</b>	TKT
<b>Protein Names</b>	Recommended name: Transketolase Short name= TK EC= 2.2.1.1
<b>Expression Region</b>	1-623
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full length protein
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. 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%. Customers could use it as reference.
<b>Shelf Life</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.