



# Recombinant *Thermus thermophilus* 2-oxoisovalerate dehydrogenase subunit alpha (TT\_C1757)

<b>Product Code</b>	CSB-BP741262TNS
<b>Abbreviation</b>	TT_C1757
<b>Storage</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.
<b>Uniprot No.</b>	Q72GU1
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	<i>Thermus thermophilus</i> (strain HB27 / ATCC BAA-163 / DSM 7039)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MVKETHRFEP FTEEPIRLIG EEGEWLGDFP LDLEGEKLR L YRDMLAARM LDERYTLIR TGKTSFIAPA AGHEAAQVAI AHAI R P G F D W V F P Y Y R D H G L A L A L G I P L K E L F G Q M L A T K A D P N K G R Q M P E H P G S K A L N F F T V A S P I A S H V P P A A G A A I S M K L L R T G Q V A V C T F G D G A T S E G D W Y A G I N F A A V Q G A P A V F V C E N N F Y A I S V D Y R H Q T H S P T I A D K A H A F G I P G Y L V D G M D V L A S Y Y V V K E A V E R A R R G E G P S L V E L R V Y R Y G P H S S A D D D S R Y R P K E E V A F W R K K D P I P R F R R F L E A R G L W N E E W E E D V R E E I R A E L E R G L K E A E E A G P V P P E W M F A D V F A E K P W H L L R Q E A L L K E E L
<b>Source</b>	Baculovirus
<b>Target Names</b>	TT_C1757
<b>Protein Names</b>	Recommended name: 2-oxoisovalerate dehydrogenase subunit alpha EC= 1.2.4.4 Alternative name(s): Branched-chain alpha-keto acid dehydrogenase E1 component alpha chain Short name= BCKDH E1-alpha
<b>Expression Region</b>	1-367
<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.



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