Recombinant Troponin T Type 2, Cardiac (TNNT2) Instruction Manual

SIPD337Hu03

Homo sapiens (Human)

Source Prokaryotic expression

Host E.coli

Endotoxin Level <1.0EU per 1µg (determined by the LAL method)

Subcellular LocationSecretedPredicted Molecular Mass65.6kDa

Accurate Molecular Mass 70kDa(Analysis of differences refer to the manual)

Residues & Tags Met1~Lys295 with N-terminal His and GST Tag

Buffer Formulation 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA,

0.01% SKL, 5% Trehalose.

Traits Freeze-dried powder

Purity > 95% Isoelectric Point 4.6

Applications Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

MSDIEEVVEE YEEEEQEEAA VEEEEDWRED EDEQEEAAEE DAEAEAETEE TRAEEDEEEE EAKEAEDGPM EESKPKPRSF MPNLVPPKIP DGERVDFDDI HRKRMEKDLN ELQALIEAHF ENRKKEEEEL VSLKDRIERR RAERAEQQRI RNEREKERQN RLAEERARRE EEENRRKAED EARKKKALSN MMHFGGYIQK TERKSGKRQT EREKKKKILA ERRKVLAIDH LNEDQLREKA KELWQSIYNL EAEKFDLOEK FKOOKYEINV LRNRINDNOK VSKTRGKAKV TGRWK

USAGE

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

STORAGE

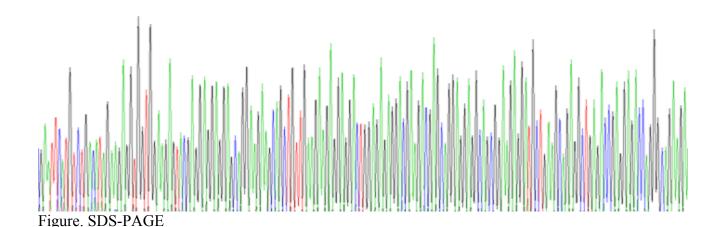
Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

STABILITY

The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Image





[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.