# Recombinant Troponin I Type 2, Fast Skeletal (TNNI2) Instruction Manual

# SIPD664Hu01

#### Homo sapiens (Human)

**Source** Prokaryotic expression

**Host** E.coli

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

Subcellular LocationSecretedPredicted Molecular Mass22.6kDa

Accurate Molecular Mass 26kDa(Analysis of differences refer to the manual)

**Residues & Tags** Met1~Ser182 with N-terminal His Tag

Buffer Formulation 100mMNaHCO3, 500mMNaCl, pH8.3, containing 0.01%

SKL, 5% Trehalose.

**Traits** Freeze-dried powder

Purity > 95% Isoelectric Point 8.9

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

## **SEQUENCE**

MGDEEKRNRA ITARRQHLKS VMLQIAATEL EKEESRREAE KQNYLAEHCP PLHIPGSMSE VQELCKQLHA KIDAAEEEKY DMEVRVQKTS KELEDMNQKL FDLRGKFKRP PLRRVRMSAD AMLKALLGSK HKVCMDLRAN LKQVKKEDTE KERDLRDVGD WRKNIEEKSG MEGRKKMFES ES

#### **USAGE**

Reconstitute in ddH<sub>2</sub>O 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.

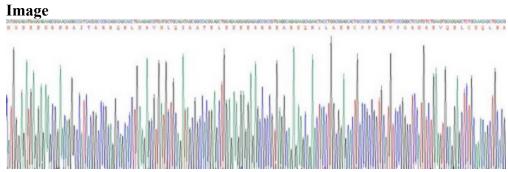


Figure. SDS-PAGE

## [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.