DATA SHEET

rP93231Ra01 100µg
Troponin T Type 1, Slow Skeletal (TNNT1)
Organism: Rattus norvegicus (Rat)
Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY
NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

7th Edition (Revised in May, 2013)

[PROPERTIES]

Residues: Met1~Lys228 (Accession # Q7TNB2), with N-terminal His-Tag.

Host: *E. coli*

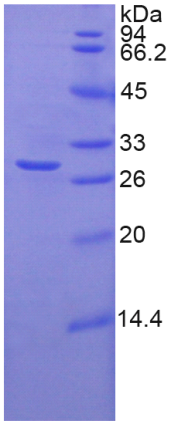
Purity: >95%

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

Formulation: Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.

Predicted isoelectric point: 5.4

Predicted Molecular Mass: 28.9kDa



15% SDS-PAGE

Applications: SDS-PAGE; WB; ELISA; IP.
(May be suitable for use in other assays to be determined by the end user.)

[USAGE]

Reconstitute in sterile PBS, pH7.2-pH7.4.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

Aliquot and store at -80°C for 12 months.

Stability Test: The thermal stability is described by the loss rate of the target protein. 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. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

[SEQUENCES]

The target protein is fused with N-terminal His-Tag, its sequence is listed below.
MGHHHHHHSG SEF-MSDTEEQEYE EEQAEDEEAV EEEAPEEPEP VAEREEERPK PSRPVVPPLI PPKIPEGERV DFDDIHRKRM EKDLLELQTL IDVHFEQRKK EEEELIALKD RIERRRAERA EQQRFRTEKE RERQAKLAEE KMRKEEEEAK KRAEDDAKKK KVLSNMGAHF GGYLVKAEQK RGKRQTGREM KLRILSERKK PLNIDYMGED QLREKAQELS EWIHQLESEK FDLMEKLK

Gentaur Molecular Products
Voortstraat 49
1910 Kampenhout, BELGIUM

Tel 0032 16 58 90 45 | Fax 0032 16 50 90 45
www.gentaur-worldwide.com
info@gentaur.com