



Recombinant Mouse TNNI2 Protein Product Manual

1. Product Basic Information

Product No.: REP08513

Protein Name: Troponin I Fast Twitch Troponin I, Skeletal, Fast (TNNI2)

Aliases: DA2B; FSSV; DA2B1; fsTnl; AMCD2B; troponin I fast twitch troponin I, skeletal, fast; troponin I2, fast skeletal type; troponin I, fast skeletal muscle; troponin I type 2 (skeletal, fast)

UniProt ID: P48788

UniProt Link: <https://www.uniprot.org/uniprotkb/P48788/entry>

Species Source: Mus musculus (Mouse)

Expression System: E.coli

Protein Length: Full Length of Mature Protein (2-182aa)

Molecular Weight: 29.7 kDa

Protein Tag: N-terminal 10xHis-Flag-tagged and C-terminal Myc-tagged

2. Amino Acid Sequence (2-182aa)

GDEEKRNRAITARRQHLKSVMLQIAATELEKEESRRESEKENYLSEHCPPLHIPGSM
SEVQELCKQLHAKIDVAEEEEKYDMEVKVQKSSKELEDMNQKLFDLRGKFKRPPLRR
VRMSADAMLKALLGSKHKVCMDLRANLKQVKKEDTEKERDLRDVGDWRKNIEEKS
GMEGRKKMFESES

3. Storage Buffer

Liquid Delivery Form: Tris-based buffer with 50% glycerol.

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.

4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause protein denaturation and activity loss.



5. Product Description

This product is a recombinant Mouse TNNI2 full length of mature protein protein (2-182aa) expressed in E.coli. The protein is dual-tagged with 10xHis-Flag tag at the N-terminus and Myc tag at the C-terminus, which facilitates protein purification, detection and identification. TNNI2, also known as DA2B or FSSV or DA2B1, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.