

## Recombinant Human TNNI2 protein, GST-tagged

Cat. No. TNNI2-30135H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human TNNI2 (1-103 aa) protein, fused to GST tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Met1-Leu103
<b>Form</b>	The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
<b>AA Sequence</b>	MGDEEKRNRAITARRQHLKSVMLQIAATELEKEESRREAQKQNYLAEHCPPLHIPGS MSEVQELCKQLHAKIDAAEEEEKYDMEVRVQKTSKELEDMNQKLFDL
<b>Purity</b>	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
<b>Stability</b>	Store for up to 12 months at -20°C to -80°C as lyophilized powder.
<b>Storage</b>	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**Reconstitution**

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.  
Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

**GENE INFORMATION****Gene Name**

TNNI2 troponin I type 2 (skeletal, fast) [ Homo sapiens ]

**Official Symbol**

TNNI2

**Synonyms**

TNNI2; troponin I type 2 (skeletal, fast); troponin I, skeletal, fast; troponin I, fast skeletal muscle; AMCD2B; DA2B; FSSV; troponin I fast twitch 2; troponin I; fast twitch skeletal muscle isoform; troponin I, fast-twitch isoform; fast-twitch skeletal muscle troponin I; troponin I, fast-twitch skeletal muscle isoform; fsTnI;

**Gene ID**

7136

**mRNA Refseq**

NM\_001145829

**Protein Refseq**

NP\_001139301

**MIM**

191043

**UniProt ID**

P48788

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