

Recombinant Human TNNI2 protein, GST-tagged

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

SPECIFICATION

Product Overview	Recombinant Human TNNI2 (1-103 aa) protein, fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Leu103
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
AA Sequence	MGDEEKRNRITARRQHLKSVMLQIAATELEKEESRREAQKQNYLAEHCPPLHIPGS MSEVQELCKQLHAKIDAAEEEEKYDMEVRVQKTSKELEDMNQKLFDL
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Stability	Store for up to 12 months at -20°C to -80°C as lyophilized powder.
Storage	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.

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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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