

## Recombinant Human TNNI3 Protein (Met1-Gly203), His tagged

Cat. No. TNNI3-6483H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human TNNI3 (Met1-Gly203) fused with His tag was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Met1-Gly203
<b>Description</b>	Troponin I is the inhibitory subunit of troponin, the thin filament regulatory complex which confers calcium-sensitivity to striated muscle actomyosin ATPase activity.
<b>Form</b>	Lyophilized powder/frozen liquid
<b>Molecular Mass</b>	25.41 kDa
<b>Purity</b>	> 90 % as determined by SDS-PAGE
<b>Notes</b>	For research use only.
<b>Storage</b>	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.
<b>Storage Buffer</b>	Lyophilized from a solution in PBS, pH 7.4, 0.02 % NLS, 1 mM EDTA, 4 % Trehalose,

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1 % Mannitol.

**Reconstitution** Reconstitute in sterile water for a stock solution.

**Shipping** They are shipped out with dry ice/blue ice unless customers require otherwise.

## GENE INFORMATION

**Gene Name** TNNI3 troponin I type 3 (cardiac) [ Homo sapiens (human) ]

**Official Symbol** TNNI3

**Synonyms** TNNI3; troponin I type 3 (cardiac); troponin I, cardiac; troponin I, cardiac muscle; CMH7; TNNC1; RCM1; cTnI; CMD2A; CMD1FF; MGC116817;

**Gene ID** 7137

**mRNA Refseq** NM\_000363

**Protein Refseq** NP\_000354

**MIM** 191044

**UniProt ID** P19429

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