Recombinant Rat Tnnt2 Protein (Met1-Lys299), C-His tagged

Cat. No. Tnnt2-6852R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Tnnt2 (Met1-Lys299) fused with the C-terminal His tag was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Met1-Lys299
Description	Enables protein-macromolecule adaptor activity and troponin I binding activity. Involved in actin crosslink formation; cardiac muscle contraction; and regulation of muscle filament sliding speed. Located in myofibril. Part of troponin complex. Human ortholog (s) of this gene implicated in intrinsic cardiomyopathy (multiple). Orthologous to human TNNT2 (troponin T2, cardiac type).
Form	Lyophilized powder
Molecular Mass	33.89 kDa
Purity	> 90 % as determined by SDS-PAGE
Notes	For research use only.
Storage	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

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	date of receipt.
Storage Buffer	Supplied as solution form in PBS, pH 7.5 or lyophilized from PBS, pH 7.5.
Shipping	They are shipped out with blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name	Tnnt2 troponin T2, cardiac type [Rattus norvegicus (Norway rat)]
Official Symbol	Tnnt2
Synonyms	Tnnt2; troponin T2, cardiac type; Ctt; CTTG; Tnnt3; RATCTTG;
Gene ID	24837
mRNA Refseq	NM_012676
Protein Refseq	NP_036808
UniProt ID	P50753

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