

Product datasheet for TP501248

OriGene Technologies, Inc.

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Tnnc2 (NM_009394) Mouse Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Purified recombinant protein of Mouse troponin C2, fast (Tnnc2), with C-terminal MYC/DDK

tag, expressed in HEK293T cells, 20ug

Species: Mouse

Expression Host: HEK293T

Expression cDNA Clone

or AA Sequence:

>MR201248 protein sequence Red=Cloning site Green=Tags(s)

MTDQQAEARSYLSEEMIAEFKAAFDMFDADGGGDISVKELGTVMRMLGQTPTKEELDAIIEEVDEDGSGT IDFEEFLVMMVRQMKEDAKGKSEEELAECFRIFDRNADGYIDAEELAEIFRASGEHVTEEEIESLMKDGD

KNNDGRIDFDEFLKMMEGVQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-MYC/DDK

Predicted MW: 18.1 kDa

Concentration: $>0.05 \mu g/\mu L$ as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Note: For testing in cell culture applications, please filter before use. Note that you may experience

some loss of protein during the filtration process.

Storage: Store at -80°C after receiving vials.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and

handling conditions. Avoid repeated freeze-thaw cycles.

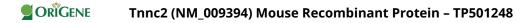
RefSeq: NP 033420

 Locus ID:
 21925

 UniProt ID:
 P20801

RefSeq Size: 705 Cytogenetics: 2 H3





RefSeq ORF: 483

Synonyms: Tncs

Summary: Troponin is the central regulatory protein of striated muscle contraction. Tn consists of three

components: Tn-I which is the inhibitor of actomyosin ATPase, Tn-T which contains the

binding site for tropomyosin and Tn-C. The binding of calcium to Tn-C abolishes the inhibitory

action of Tn on actin filaments.[UniProtKB/Swiss-Prot Function]