

Recombinant Human TCAP

Catalog No: #GP13096



Package Size: #GP13096-1 100ug

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Description

Product Name	Recombinant Human TCAP
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 1-167 amino acids of human TCAP
Target Name	titin-cap
Other Names	TELE; CMD1N; CMH25; T-cap; LGMD2G; LGMDR7; telethonin
Accession No.	Swissprot:O15273Gene Accession:BC013330
Uniprot	O15273
GeneID	8557;
Storage	-20~-80°C, pH 7.6 PBS

Background

Sarcomere assembly is regulated by the muscle protein titin. Titin is a giant elastic protein with kinase activity that extends half the length of a sarcomere. It serves as a scaffold to which myofibrils and other muscle related proteins are attached. This gene encodes a protein found in striated and cardiac muscle that binds to the titin Z1-Z2 domains and is a substrate of titin kinase, interactions thought to be critical to sarcomere assembly. Mutations in this gene are associated with limb-girdle muscular dystrophy type 2G.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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