

Recombinant Human Telethonin(TCAP)

Catalog No: #AP76906

Package Size: #AP76906-1 20ug #AP76906-2 100ug #AP76906-3 1mg

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Description

Product Name	Recombinant Human Telethonin(TCAP)
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1-167aaSequence Info:Full Length
Other Names	Titin cap protein
Accession No.	O15273
Uniprot	O15273
GeneID	8557;
Calculated MW	46.1 kDa
Tag Info	N-terminal GST-tagged
Target Sequence	MATSELSCEVSEENCERREAFWAEWKDLTLSTRPEEGCSLHEEDTQRHETYHQGGQCQVLVQRSPWLMMR MGILGRGLQEYQLPYQRVLPPIFTPAKMGATKEEREDTPIQLQELLALETALGGQCVDQRQEVAEITKQLPPVV PVSKPGALRRSLRSMSQEAQRG
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Muscle assembly regulating factor. Mediates the antiparallel assembly of titin (TTN) molecules at the sarcomeric Z-disk.

References

"Telethonin, a novel sarcomeric protein of heart and skeletal muscle."

Valle G., Faulkner G., de Antoni A., Pacchioni B., Pallavicini A., Pandolfo D., Tiso N., Toppo S., Trevisan S., Lanfranchi G.

FEBS Lett. 415:163-168(1997) Research Topic:Cardiovascular

Note: This product is for in vitro research use only