Recombinant Mouse Flnc Protein, His-tagged

Cat. No. Flnc-1504M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Flnc Protein (Thr2520-Pro2726) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Thr2520-Pro2726
Description	Predicted to enable ankyrin binding activity and identical protein binding activity. Involved in muscle cell development. Predicted to be located in cytosol; sarcolemma; and sarcoplasm. Is expressed in several structures, including diaphragm; embryo mesenchyme; heart; skeletal musculature; and spinal cord ventricular layer. Used to study myofibrillar myopathy 5. Human ortholog(s) of this gene implicated in distal muscular dystrophy 4; hypertrophic cardiomyopathy 26; and myofibrillar myopathy 5. Orthologous to human FLNC (filamin C).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 25.6 kDa Accurate Molecular Mass: 26 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

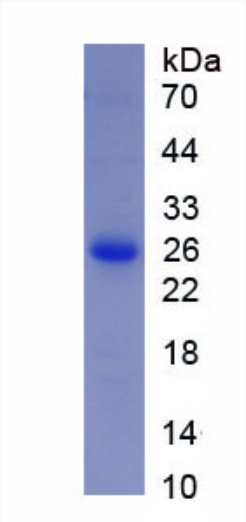
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	Flnc filamin C, gamma (actin binding protein 280) [Mus musculus (house mouse)]
Official Symbol	Flnc
Synonyms	FLNC; filamin C, gamma (actin binding protein 280); ABPL; Fln2; ABP-280;
Gene ID	68794
mRNA Refseq	NM_001081185
Protein Refseq	NP_001074654
UniProt ID	Q8VHX6

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA



Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA