

Recombinant Mouse Nrap Protein, His-tagged

Cat. No. Nrap-1857M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Nrap Protein (Pro1490-Met1728) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Pro1490-Met1728
Description	Enables actin binding activity; muscle alpha-actinin binding activity; and vinculin binding activity. Predicted to be involved in cardiac muscle thin filament assembly. Predicted to act upstream of or within actin cytoskeleton organization. Located in fascia adherens; muscle tendon junction; and myofibril. Is expressed in early conceptus; heart; limb musculature; oocyte; and skeletal muscle. Orthologous to human NRAP (nebulin related anchoring protein).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 30.8 kDa Accurate Molecular Mass: 34 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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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	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.
GENE INFORMATION	
Gene Name	Nrap nebulin-related anchoring protein [Mus musculus (house mouse)]
Official Symbol	Nrap
Synonyms	Nrap; nebulin-related anchoring protein; nebulin-related-anchoring protein; N-RAP
Gene ID	18175
mRNA Refseq	NM_198059
Protein Refseq	NP_932307
UniProt ID	Q80XB4