

Recombinant Rat Nrap Protein, His-tagged

Cat. No. Nrap-1858R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Nrap Protein (Asp1493-Met1727) with N-His tag was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Asp1493-Met1727
Description	Predicted to enable actin filament binding activity; muscle alpha-actinin binding activity; and vinculin binding activity. Predicted to be involved in cardiac muscle thin filament assembly. Predicted to be located in fascia adherens; muscle tendon junction; and myofibril. Predicted to be active in Z disc. Orthologous to human NRAP (nebulin related anchoring protein).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 30.7 kDa Accurate Molecular Mass: 34 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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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 [*Rattus norvegicus* (Norway rat)]

Official Symbol

Nrap

Synonyms

Nrap; nebulin-related anchoring protein; nebulin-related-anchoring protein; N-RAP

Gene ID

307982

mRNA Refseq

NM_001113743

Protein Refseq

NP_001107215

UniProt ID

D4A4K6

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