

## Recombinant Rat Nrap Protein, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rat Nrap Protein (Asp1493-Met1727) with N-His tag was expressed in E. coli.
<b>Species</b>	Rat
<b>Source</b>	E.coli
<b>ProteinLength</b>	Asp1493-Met1727
<b>Description</b>	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).
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 30.7 kDa Accurate Molecular Mass: 34 kDa
<b>Purity</b>	> 90%
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.
<b>Stability</b>	The thermal stability is described by the loss rate. The loss rate was determined by

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



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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