

Recombinant Mouse Nags Protein, His-tagged

Cat. No. Nags-1812M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Nags Protein (Glu368-Cys519) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Glu368-Cys519
Description	Enables acetyl-CoA:L-glutamate N-acetyltransferase activity. Acts upstream of or within glutamate metabolic process. Located in mitochondrion. Human ortholog(s) of this gene implicated in N-acetylglutamate synthase deficiency and amino acid metabolic disorder. Orthologous to human NAGS (N-acetylglutamate synthase).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 21.3 kDa Accurate Molecular Mass: 23 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 accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for

 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

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

Nags N-acetylglutamate synthase [*Mus musculus* (house mouse)]

Official Symbol

Nags

Synonyms

Nags; N-acetylglutamate synthase; argA; 1700120E20Rik; N-acetylglutamate synthase, mitochondrial; amino-acid N-acetyltransferase; amino-acid acetyltransferase; EC 2.3.1.1

Gene ID

217214

mRNA Refseq

NM_145829

Protein Refseq

NP_665828

UniProt ID

Q8R4H7

 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