Recombinant Mouse Nags Protein, Myc/DDK-tagged

Cat. No. Nags-4285M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length N-acetylglutamate synthase (Nags), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Plays a role in the regulation of ureagenesis by producing the essential cofactor N-acetylglutamate (NAG), thus modulating carbamoylphosphate synthase I (CPSI) activity.
Molecular Mass	57.5 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 μg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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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

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