

Recombinant Mouse Naca Protein, Myc/DDK-tagged

Cat. No. Naca-4277M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length nascent polypeptide-associated complex alpha polypeptide (cDNA clone MGC:117501 IMAGE:30525972), complete, with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Cardiac- and muscle-specific transcription factor. May act to regulate the expression of genes involved in the development of myotubes. Plays a critical role in ventricular cardiomyocyte expansion and regulates postnatal skeletal muscle growth and regeneration. Involved in the organized assembly of thick and thin filaments of myofibril sarcomeres.
Molecular Mass	23.4 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

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Naca nascent polypeptide-associated complex alpha polypeptide [Mus musculus (house mouse)]

Official Symbol Naca

Synonyms Naca; nascent polypeptide-associated complex alpha polypeptide; sk; skNAC; Gm1878; D12Mgi4; AL022831; AL024382; mKIAA0363; nascent polypeptide-associated complex subunit alpha; alpha-NAC, muscle-specific form; alpha-NAC/1.9.2; nascent polypeptide-associated complex alpha subunit; nascent polypeptide-associated complex subunit alpha, muscle-specific form; EC 5.3.99.3

Gene ID 17938

mRNA Refseq NM_013608

Protein Refseq NP_038636

UniProt ID P70670

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