

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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