

Recombinant Mouse Naa80 Protein, Myc/DDK-tagged

Cat. No. Naa80-4271M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length N(alpha)-acetyltransferase 80, NatH catalytic subunit (Naa80), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	N-alpha-acetyltransferase that specifically mediates the acetylation of the acidic amino terminus of processed forms of beta- and gamma-actin (ACTB and ACTG, respectively). N-terminal acetylation of processed beta- and gamma-actin regulates actin filament depolymerization and elongation. In vivo, preferentially displays N-terminal acetyltransferase activity towards acid N-terminal sequences starting with Asp-Asp-Asp and Glu-Glu-Glu. In vitro, shows high activity towards Met-Asp-Glu-Leu and Met-Asp-Asp-Asp. May act as a tumor suppressor.
Molecular Mass	34.6 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.

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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

Gene Name Naa80 N(alpha)-acetyltransferase 80, NatH catalytic subunit [Mus musculus (house mouse)]

Official Symbol Naa80

Synonyms Naa80; N(alpha)-acetyltransferase 80, NatH catalytic subunit; Na; Fus2; Nat6; AI225910; N-alpha-acetyltransferase 80; N-acetyltransferase 6; protein fus-2; protein fusion-2 homolog; EC 2.3.1.-

Gene ID 56441

mRNA Refseq NM_019750

Protein Refseq NP_062724

UniProt ID Q9R123

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