

Recombinant human NAT13/NAA50 protein

Catalog Number: ATGP1406

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-169aa

UniProt No.

Q9GZZ1

NCBI Accession No.

NP_079422

Alternative Names

N-alpha-acetyltransferase 50, hNAT5, hSAN, MAK3, NAT13, NAT5, SAN

PRODUCT SPECIFICATION

Molecular Weight

21.9 kDa (193aa) confirmed by MALDI-TOF

Concentration

1mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 10% glycerol, 0.1M NaCl

Purity

> 95% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

N-alpha-acetyltransferase 50, also known as NAA50, consist of 169 amino acid cytoplasmic protein belonging to the acetyltransferase family and GNAT subfamily. NAA50 is a probable catalytic component of the ARD1A-NARG1 complex which displays alpha acetyltransferase activity. NAA50 is also known to interact with MAK10 and is encoded by a gene that maps to human chromosome 3q13. 2. Recombinant human NAA50 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

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Amino acid Sequence

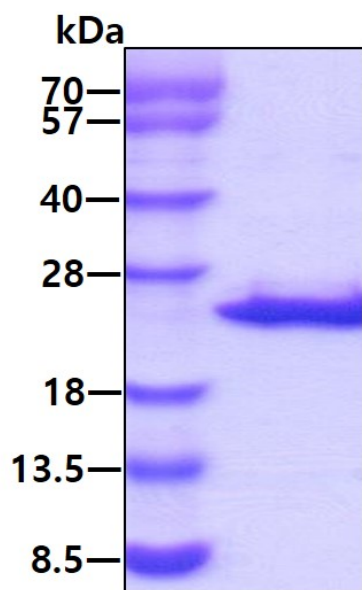
<MGSSHHHHHH SSGLVPRGSH MGSH>MKGSR I ELGDVTPHNI KQLKRLNQVI FPVSYNDKFY KDVLEVGELA
KLAYFNDAIV GAVCCRVDHS QNQKRLYIMT LGCLAPYRRL GIGTKMLNHV LNICEKDGTF DNIYLHVQIS NESAIIFYRK
FGFEIETKK NYYKRIEPAD AHVLQKNLKV PSGQNADVQK TDN

General References

Arnesen T., et al. (2006) Gene. 371:291-295.
Polevoda B., et al. (2003) J Mol Biol. 325:595-622.

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.