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Recombinant human NAA10 protein

Catalog Number: ATGP1159

PRODUCT INFORMATION

Expression system
E.coli

Domain
1-235aa

UniProt No.
P41227

NCBI Accession No.
NP_003482

Alternative Names
N (alpha)-acetyltransferase 10 NatA catalytic subunit, N (alpha)-acetyltransferase 10, NatA catalytic subunit, ARD1, ARD1A, DXS707, MGC71248, TE2

PRODUCT SPECIFICATION

Molecular Weight
28.6 kDa (255aa) confirmed by MALDI-TOF (Molecular weight on SDS-PAGE will appear higher)

Concentration
1mg/ml (determined by Bradford assay)

Formulation
Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 5mM DTT, 10% glycerol, 200mM NaCl

Purity
> 90% 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
NAA10 belongs to the acetyltransferase family. NAA10 interacts NAA15, HIF-1 with the ribosome. In its binding to HIF-1, NAA10 acts as a protein acetyltransferase by regulating its stability. In many cell lines, NAA10 is downregulated in response to hypoxia. NAA10 is expressed throughout the development of the brain. Recombinant human NAA10 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

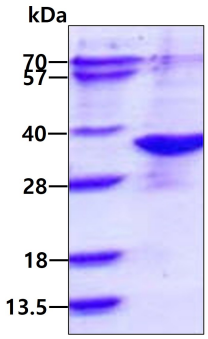
<MGSSHHHHHH SSGLVPRGSH> MNIRNARPED LMNMQHCNLL CLPENYQMKY YFYHGLSWPQ LSYIAEDENG KIVGYVLAKM EEDPDDVPHG HITSLAVKRS HRRLGLAQKL MDQASRAMIE NFNAKYVSLH VRKSNRAALH LYSNTLNFQI SEVEPKYYAD GEDAYAMKRD LTQMADELRR HLELKEKGRH VVLGAIENKV ESKGNSPPSS GEACREEKGL AAEDSGGDSK DLSEVSETTE STDVKDSSEA SDSAS

General References

Arnesen T., et al. (2005) Biochem. J. 386:433-443
Jeong J.-W., et al. (2002) Cell 111:709-720

DATA

SDS-PAGE



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