

Product information

NAA10, 1-235aa

Human, His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP1159

Full name: N (alpha)-acetyltransferase 10, NatA catalytic subunit

NCBI Accession No.: NP_003482

Synonyms: ARD1, ARD1A, DXS707, MGC71248, TE2

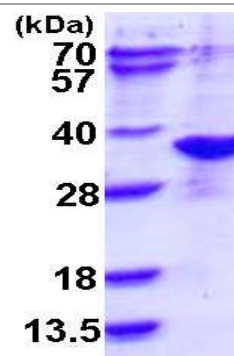
Description: NAA10 belongs to the acetyltransferase family. NAA10 interacts NAA15, HIF-1 with the ribosome. In its binding to HIF-1, NAA10 acts as a protein acetyltransferase by regulating its stability. In many cell lines, NAA10 is downregulated in response to hypoxia. NAA10 is expressed throughout 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.

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

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

Purity: > 90% by SDS - PAGE

Concentration: 1mg/ml (determined by Bradford assay)



15% SDS-PAGE (3ug)

Sequences of amino acids:

MGSSHHHHH SSGLVPRGSH MNIRNARPED LMNMQHCNLL CLPENYQMKY YFYHGLSWPQ LSYIAEDENG KIVGYVLAKM EEDPDDVPHG
HITSLAVKRS HRRLGLAQKL MDQASRAMIE NFNAYVSLH VRKSNRAALH LYSNTLNFI SEVEPKYYAD GEDAYAMKRD LTQMADELRR
HLELKEKGRH VVLGA IENKV ESKGNPPSS 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

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C.
Avoid repeated freezing and thawing cycles.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.