

NAA10, 1-235aa, Human, His tag, E.coli

Cat.NO.: TP03077

3th Edition

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

Sequences:

MGSSHHHHHHSSGLVPRGSHMNIRNARPELDMNMQHCNLLCLPENYQMKYYFYHGLSWPQLSYIAEDENGKIVG
YVLAKMEEDPDDVPHGHITSLAVKRSHRRLGLAQKLMQASRAMIENFNAKYVSLHVRKSNRAALHLYSNTLNFQI
SEVEPKYYADGEDAYAMKRDLTQMADELRRHLELKEKGRHVVLGAIENKVESKGNPPSSGEACREEKGLAAEDS
GGDSKDLSEVSETTESTDVKDSSEASDSAS

Purity:> 95% by HPLC

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

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

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.