

Recombinant Human NAA10, His-tagged

Cat. No. NAA10-3610H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human NAA10 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
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.
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)
Sequences of amino acids	MGSSHHHHHH SSGLVPRGSH MNIRNARPED LMNMQHCNLL CLPENYQMKY YFYHGLSWPQ LSYIAEDENG KIVGYVLAKM EEDPDDVPHG HITSLAVKRS HRRGLGLAQL MDQASRAMIE NFNAYVSLH VRKSNRAALH LYSNTLNFQI

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SEVEPKYYAD GEDAYAMKRD LTQMADELRR HLELKEKGRH VVLGAIENKV
ESKGNPPSS GEACREEKGL AAEDSGGDSK DLSEVSETTE STDVKDSSEA
SDSAS

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.

GENE INFORMATION
Gene Name

NAA10 N(alpha)-acetyltransferase 10, NatA catalytic subunit [Homo sapiens]

Official Symbol

NAA10

Synonyms

NAA10; TE2; ARD1; ARD1A; DXS707; MGC71248; N(alpha)-acetyltransferase 10, NatA catalytic subunit; N-alpha-acetyltransferase 10, NatA catalytic subunit; OTTHUMP00000026001; OTTHUMP00000026002; OTTHUMP00000064808; OTTHUMP00000064809; OTTHUMP00000180622; OTTHUMP00000180623; ARD1 homolog, N-acetyltransferase; ARD1 homolog A, N-acetyltransferase; N-acetyltransferase ARD1, human homolog of; N-terminal acetyltransferase complex ARD1 subunit homolog A; EC 2.3.1.88; EC=2.3.1.-

Gene ID

8260

mRNA Refseq

NM_003491

Protein Refseq

NP_003482

MIM

300013

UniProt ID

P41227

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Chromosome Location	Xq28
Function	N-acetyltransferase activity; contributes_to acetyltransferase activity; peptide alpha-N-acetyltransferase activity; protein binding; contributes_to ribosome binding; transferase activity

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