

Recombinant Human NAA10, His-tagged

Cat. No. NAA10-26531TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human ARD1A with an N terminal His tag; 255 amino acids with tag, Predicted MWt 28.6 kDa.
Species	Human
Source	E.coli
ProteinLength	235 amino acids
Description	N-alpha-acetylation is one of the most common protein modifications that occurs during protein synthesis and involves the transfer of an acetyl group from acetyl-coenzyme A to the protein alpha-amino group.
Conjugation	HIS
Molecular Weight	28.600kDa inclusive of tags
Tissue specificity	Ubiquitous.
Form	Liquid
Purity	>90% by SDS-PAGE
Storage buffer	pH: 8.00 Constituents: 0.32% Tris HCl, 0.08% DTT, 10% Glycerol, 1.17% Sodium chloride

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Storage	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Sequences of amino acids	MGSSHHHHHHSSGLVPRGSHMNIRNARPEDLMNMQHCNLL CLPENYQMKYYFYH GLSWPQLSYIAEDENGKIVGYVLA KMEEDPDDVPHGHITSLAVKRSHRRLGLAQKL MDQASRAM IENFNAKYVSLHVRKSNRAALHLYSNTLNFQISEVEPK YYADGEDAYA MKRDLTQMADELRRHLELKEKGRHVVLGAI ENKVESKGNSPSSGEACREEKGLA AEDSGGDSKDLSE VSETTESTDVKDSSEASDSAS
Sequence Similarities	Belongs to the acetyltransferase family. ARD1 subfamily. Contains 1 N-acetyltransferase domain.
GENE INFORMATION	
Gene Name	NAA10 N(alpha)-acetyltransferase 10, NatA catalytic subunit [Homo sapiens]
Official Symbol	NAA10
Synonyms	NAA10; N(alpha)-acetyltransferase 10, NatA catalytic subunit; ARD1, ARD1 homolog A, N acetyltransferase (S. cerevisiae) , ARD1 homolog, N acetyltransferase (S. cerevisiae) , ARD1A; N-alpha-acetyltransferase 10; DXS707; TE2;
Gene ID	8260
mRNA Refseq	NM_003491
Protein Refseq	NP_003482
MIM	300013
Uniprot ID	P41227

Chromosome Location	Xq28
Pathway	Hypoxic and oxygen homeostasis regulation of HIF-1-alpha, organism-specific biosystem;
Function	N-acetyltransferase activity; contributes_to acetyltransferase activity; peptide alpha-N-acetyltransferase activity; protein binding; contributes_to ribosome binding;

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