Recombinant Human NAA20 protein, T7-tagged

Cat. No. NAA20-171H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human NAA20 (178 aa, Isoform-A) fused with T7 Tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	178 a.a.
Form	1.0 mg/ml, sterile-filtered, in 20 mM pH 8.0 Tris-HCl Buffer, with proprietary formulation of NaCl, KCl, EDTA, Sucrose and DTT.
AA Sequence	MASMTGGQQMGRGEFMTTLRAFTCDDLFRFNNINLDPLTETYGIPFYLQYLAHWPE YFIVAEAPGGELMGYIMGK AEGSVAREEWHGHVTALSVAPEFRRLGLAAKLMELLE EISERKGGFFVDLFVRVSNQVAVNMYKQLGYSVYRTVI EYYSASNGEPDEDAYDMR KALSRDTEKKSIIPLPHPVRPEDIE
Purity	>90% by SDS-PAGE
Applications	1. May be used for in vitro NatB mediated cell cycle regulation study with intracellular delivery of this protein.2. As soluble / native protein, may be used as enzymatic substrate protein for kinase and ubiquitin assay development.3. May be used for mapping NAA20 protein-protein interaction.4. Potential diagnostic biomarker for cancer.5. May be used as antigen for specific antibody development.

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Storage	Keep at -80 centigrade for long term storage. Product is stable at 4 centigrade for at least 7 days.

GENE INFORMATION

Gene Name	NAA20 N(alpha)-acetyltransferase 20, NatB catalytic subunit [Homo sapiens]
Official Symbol	NAA20
Synonyms	NAA20; N(alpha)-acetyltransferase 20, NatB catalytic subunit; N acetyltransferase 5 , N acetyltransferase 5 (ARD1 homolog, S. cerevisiae) , N acetyltransferase 5 (GCN5 related, putative) , N acetyltransferase 5, ARD1 subunit (arrest defective 1, S. cerevisiae, homolog) , NAT5; N-alpha-acetyltransferase 20; dJ1002M8.1; N acetyltransferase 3 homolog (S. cerevisiae); NAT3; natB catalytic subunit; natB complex subunit NAT5; N-acetyltransferase 3 homolog; N-acetyltransferase 5 (GCN5-related, putative); N-terminal acetyltransferase complex ARD1 subunit; N-acetyltransferase 5 (ARD1 homolog, S. cerevisiae); N-alpha-acetyltransferase 20, NatB catalytic subunit; N-terminal acetyltransferase B complex catalytic subunit NAT5; N-terminal acetyltransferase B complex catalytic subunit NAA20; N-acetyltransferase 5, ARD1 subunit (arrest-defective 1, S. cerevisiae, homolog); NAT5;
Gene ID	51126
mRNA Refseq	NM_016100
Protein Refseq	NP_057184
MIM	610833
UniProt ID	P61599

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Chromosome Location	20p11.23
Function	N-acetyltransferase activity; peptide alpha-N-acetyltransferase activity; transferase activity, transferring acyl groups;

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