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## Product Data Sheet

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Product Name: NAA10 Human  
 Cat. No.: GP21967  
 Batch No.: 1

### Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	N-alpha-acetyltransferase 10; N-terminal acetyltransferase complex ARD1 subunit homolog A; NatA catalytic subunit; NAA10; ARD1; ARD1A; TE2; NATD; DXS707.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MNIRNARPED LMNMQHCHLL CLPENYQMKY YFYHGLSWPQ LSYIAEDENG KIVGYVLAKM EEDPDDVPHG HITS LAVKRS HRRLGLAQKL MDQASRAMIE NFNAKYVSLH VRKSNRAALH LYSNTLNFQI SEVEPKYYAD GEDAYAMKRD LTQMADELRR HLELKEKGRH VVLGAIENKV ESKGNSPPSS GEACREEKGL AAEDSGGDSK DLSEVSETTE STDVKDSSEA SDSAS.		
Formulation	NAA10 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 5mM DTT, 10% glycerol and 200mM NaCl.		

### Introduction

NAA10 is a member of the acetyltransferase family. NAA10 interacts with NAA15, HIF-1 and with the ribosome. In its binding to HIF-1, NAA10 functions as a protein acetyltransferase by regulating its stability. In various cell lines, NAA10 is downregulated in response to hypoxia. NAA10 is expressed during the course of the development of the brain.

### Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

### Background

NAA10 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide

**Caution: Product has not been fully validated for medical applications. For research use only.**

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chain containing 255 amino acids (1-235 a.a.) and having a molecular mass of 28.6kDa (the molecular weight on SDS-PAGE will appear higher).NAA10 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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