

## NAA10 Human

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

**Catalog #:** ENPS-165

For research use only.

**Synonyms:** N-alpha-acetyltransferase 10, N-terminal acetyltransferase complex ARD1 subunit homolog A, NatA catalytic subunit, NAA10, ARD1, ARD1A, TE2, NATD, DXS707.

**Source:** Escherichia Coli.

**Physical Appearance:** Sterile Filtered colorless solution.

**Amino Acid Sequence:** MGSSHHHHHH SSGLVPRGSH MNIRNARPED LMNMQHCNLL  
CLPENYQMKY YFYHGLSWPQ LSYIAEDENG KIVGYVLAKM EEDPDDVPHG HITSLAVKRS  
HRRGLAQKL MDQASRAMIE NFNAKYVSLH VRKSNRAALH LYSNTLNFQI SEVEPKYYAD  
GEDAYAMKRD LTQMADELRR HLELKEKGRH VVLGAIVENK ESKGNSPPSS GEACREEKGL  
AAEDSGGDSK DL

**Purity:** Greater than 90.0% as determined by SDS-PAGE.

**Formulation:**

NAA10 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 5mM DTT, 10% glycerol and 200mM NaCl.

**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.

**Usage:**

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

**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.

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