www.neobiolab.com
info@neobiolab.com
888.754.5670, +1 617.500.7103 United States
0800.088.5164, +44 020.8123.1558 United Kingdom

NAA10 Human

Catalog #:ENPS-165

For research use only.

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.

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 HRRLGLAQKL MDQASRAMIE NFNAKYVSLH VRKSNRAALH LYSNTLNFQI SEVEPKYYAD GEDAYAMKRD LTQMADELRR HLELKEKGRH VVLGAIENKV 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 drµgs, 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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