

# Recombinant Full Length Human NAA50 Protein, C-Flag-tagged

**Cat. No.** NAA50-1208HFL    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                 |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Full Length Human NAA50 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.                                                                                                                                                                                                                                                 |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                           |
| <b>Source</b>           | Mammalian Cells                                                                                                                                                                                                                                                                                                                                                 |
| <b>Description</b>      | Enables H4 histone acetyltransferase activity; peptide alpha-N-acetyltransferase activity; and peptidyl-lysine acetyltransferase activity. Involved in N-terminal protein amino acid acetylation; establishment of mitotic sister chromatid cohesion; and mitotic sister chromatid cohesion, centromeric. Located in cytosol and nucleus. Part of NatA complex. |
| <b>Form</b>             | 25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.                                                                                                                                                                                                                                                                                                           |
| <b>Molecular Mass</b>   | 19.2 kDa                                                                                                                                                                                                                                                                                                                                                        |
| <b>AA Sequence</b>      | MKGSRIELGDVTPHNIKQLKRLNQVIFPVSYNDKFYKDVLEVGE LAKLAYFN DIAVGA<br>VCCRVDHSQNQK RLYIMTLGCLAPYRRLGIGTKMLNHVLNICEKDGTFDNIYLHVQI<br>SNESAIDFYRKFGFEI IETKKNYYK<br>RIEPADAHVLQKNLKVPSGQNADVQKTDNTRTRPLEQKLISEEDLAANDILDYKDDD<br>DKV                                                                                                                                    |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining.                                                                                                                                                                                                                                                                                                    |

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|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Stability</b>     | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| <b>Storage</b>       | Store at -80 centigrade.                                                                                                                      |
| <b>Concentration</b> | >50 ug/mL as determined by microplate BCA method.                                                                                             |
| <b>Preparation</b>   | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.                              |
| <b>Full Length</b>   | Full L.                                                                                                                                       |

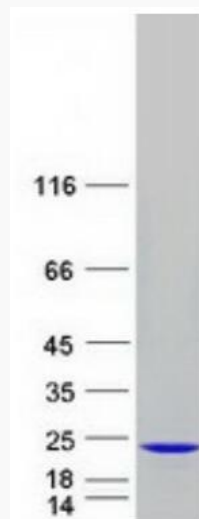
## GENE INFORMATION

|                        |                                                                                     |
|------------------------|-------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | NAA50 N-alpha-acetyltransferase 50, NatE catalytic subunit [ Homo sapiens (human) ] |
| <b>Official Symbol</b> | NAA50                                                                               |
| <b>Synonyms</b>        | SAN; MAK3; NAT5; NAT13; NAT5P; NAT13P; hNaa50p                                      |
| <b>Gene ID</b>         | 80218                                                                               |
| <b>mRNA Refseq</b>     | NM_025146.4                                                                         |
| <b>Protein Refseq</b>  | NP_079422.1                                                                         |
| <b>MIM</b>             | 610834                                                                              |
| <b>UniProt ID</b>      | Q9GZZ1                                                                              |

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Coomassie blue staining of purified NAA50 protein.

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