

# Recombinant Human NOA1 Protein, MYC/DDK-tagged, C13 and N15-labeled

**Cat. No.** NOA1-310H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | C4orf14 MS Standard C13 and N15-labeled recombinant protein (NP_115689) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                                                                                                                                                                                                                                                                                       |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Description</b>      | The protein encoded by this gene is a nuclear-encoded GTPase that functions in the mitochondrion. Upon translation, this protein is imported into the nucleus and then into the nucleolus before being exported to the mitochondrion. The encoded protein is required for oxygen-dependent regulation of mitochondrial respiratory complexes and for mitochondrial protein synthesis. [provided by RefSeq, Dec 2015]                                                                        |
| <b>Molecular Mass</b>   | 78.5 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>AA Sequence</b>      | MLPARLPFRLLSLFLRGSAPTAARHGLREPLLERCAAASSFQHSSSLGRELPYDPV<br>DTEGFGEGGDMQERFLFPEYILDPEPQPTREKQLQELQQQEEEEERQRQQRREER<br>RQQNLRARSREHPVVGHPDPALPPSGVNCSCGAELHCQDAGVPGYLPREKFLRT<br>AEADGGLARTVCQRCWLLSHHRRALRLQVSREQYLELVSAALRRPGPSLVLYMVDL<br>LDLPDALLPDLPALVGPKQLIVLGNKVDLLPQDAPGYRQRLRERLWEDCARAGLLLA<br>PGHQGPQRPVKDEPDQGENPNPPNWSRTVVRDVRLISAKTGYGVEELISALQRSW<br>RYRGDVYLVGATNAGKSTLFNTLLES DYCTAKGSEADRATISPWPGTTLNLLKFPIC<br>NPTPYRMFKRHQRLKKDSTQAEEDLSEQEQNQLNVLKKHGYVVGRVGRTRFLYSEE |

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QKDNIPFEFDADSLAFDMENDPVMGTHKSTKQVELTAQDVKDAHWFYDTPGITKEN  
 CILNLLTEKEVNIVLPTQSIVPRTFVLKPGMVLFLGAIGRIDFLQGNQSAWFTVVASNIL  
 PVHITSLDRADALYQKHAGHTLLQIPMGGKERMAGFPPLVAEDIMLKEGLGASEAVA  
 DIKFSSAGWVSVTPNFKDRLHLRGYTPEGTVLTVRPPLLPYIVNIKGQRIKKSVAKYK  
 KKPPSLMYNVRKKKGKINVTRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Purity** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Stability** Stable for 3 months from receipt of products under proper storage and handling conditions.

**Storage** Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

**Concentration** 50 µg/mL as determined by BCA

**Storage Buffer** 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

## GENE INFORMATION

**Gene Name** [NOA1 nitric oxide associated 1 \[ Homo sapiens \(human\) \]](#)

**Official Symbol** [NOA1](#)

**Synonyms** hNOA1; C4orf14; hAtNOS1; mAtNOS1

**Gene ID** [84273](#)

**mRNA Refseq** [NM\\_032313](#)

**Protein Refseq** [NP\\_115689](#)

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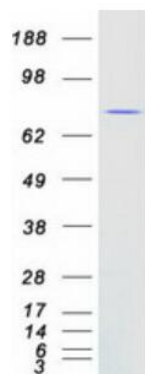
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MIM 614919

UniProt ID Q8NC60

SDS-PAGE



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