

Recombinant Full Length Human NOA1 Protein, GST-tagged

Cat. No. NOA1-6673HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human NOA1 full-length ORF (ABM82785.1, 1 a.a. - 698 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	698 amino acids
Description	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]
Molecular Mass	103.18 kDa
AA Sequence	MLPARLPFRLLSLFLRGSAPTAARHGLREPLLERRCAAASSFQHSSSLGRELPYDPV DTEGFGEGGDMQERFLFPEYILDPEPQPTREKQLQELQQQQEEEEERQRQQRREER RQQNLRARSREHPVVGHPDPALPPSGVNCSCGAELHCQDAGVPGYLPREKFLRT AEADGGLARTVCQRCWLLSHHRRALRLQVSREQYLELVSAALRRPGPSLVLYMVDL LDLPDALLPDLPALVGPKQLIVLGNKVDLLPQDAPGYRQRLRERLWEDCARAGLLLA PGHQGPQRPVKDEPQDGENPNPPNWSRTVVRDVLISAKTGYGVEELISALQRSW RYRGDVYLVGATNAGKSTLFNTLLESDYCTAKGSEADRATISPWPGTTLNLLKFPIC NPTPYRMFKRHQRLKKDSTQAEEDLSEQEQNQLNVLKKKHGYVVGRVGRFTFLYSEE

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QKDNIPFEFDADSLAFDMENDPVMGTHKSTKQVELTAQDVKDAHWFYDTPGITKEN
 CILNLLTEKEVNIVLPTQSIVPRTFVLKPGMVLFLGAIGRIDFLQGNQSAWFTVVASNIL
 PVHITSLDRADALYQKHAGHTLLQIPMGGKERMAGFPPLVAEDIMLKEGLGASEAVA
 DIKFSSAGWVSVTPNFKDRLHLRGYTPEGTVLTVRPPLLPYIVNIKGQRIKKSVAKYT
 KKPPSLMYNVRKKKGKINV

Applications

Enzyme-linked Immunoabsorbent Assay
 Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

NOA1 nitric oxide associated 1 [Homo sapiens]

Official Symbol

NOA1

Synonyms

hNOA1; C4orf14; hAtNOS1; mAtNOS1

Gene ID

84273

mRNA Refseq

NM_032313

Protein Refseq

NP_115689

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MIM	614919
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UniProt ID	Q8NC60
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