

Recombinant Human NOA1 Protein, GST-tagged

Cat. No. NOA1-5958H **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	Wheat Germ
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 DTEGFGEGGDMQERFLFPEYILDPEPQPTREKQLQELQQQQEEEEERQQRQREER RQQNLRARSREHPVVGHPDPALPPSGVNCSCGAELHCQDAGVPGYLPREKFLRT AEADGGLARTVCQRCWLLSHHRRALRLQVSREQYLELVSAALRRPGPSLVLYMVDL LDLPDALLPDLPALVGPKQLIVLGNKVDLLPQDAPGYRQRLRERLWEDCARAGLLLA PGHQGPQRPVKDEPQDGENPNPPNWSRTVVRDVRLISAKTGYGVEELISALQRSW RYRGDVYLVGATNAGKSTLFNTLLES DYCTAKGSEADRATISPWPGTTLNLLKFPIC NPTPYRMFKRHQRLKKDSTQAEEDLSEQEQNLNVLKKKHGYVVGRVGRFTFLYSEE QKDNIPFEFDADSLAFDMENDPVMGTHKSTKQVELTAQDVKDAHWFYDTPGITKEN

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CILNLLTEKEVNIVLPTQSIVPRTFVLKPGMVLFLGAIGRIDFLQGNQSAWFTVVASNIL
 PVHITSLDRADALYQKHAGHTLLQIPMGGKERMAGFPPLVAEDIMLKEGLGASEAVA
 DIKFSSAGWVSVTPNFKDRLHLRGYTPEGTVLTVRPPLLPYIVNIKGQRIKKSVAAYKT
 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](#)

UniProt ID [Q8NC60](#)

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