

## Product datasheet for TP301000L

### C4orf14 (NOA1) (NM\_032313) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human chromosome 4 open reading frame 14 (C4orf14), 1 mg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA Clone or AA Sequence:** >RC201000 protein sequence  
Red=Cloning site Green=Tags(s)

MLPARLPFRLLSLFLRGSAPTAARHGLREPELLERRCAAASSFQHSSSLGRELPYDPVDTEGFGEGGDMQE  
RFLFPEYILDPEPQPTREKQLQELQQQEEERQRQQRREERRQONLRARSREHPVVGHPDPALPPSGVN  
CSGCGAELHCQDAGVPGYLPREKFLRTAEADGGLARTVCQRCWLLSHHRRALRLQVSREQYLELVSAAALR  
RPGPSLVLYMVDLLDLPDALLPDLPALVGPQQLIVLGNKVDLLPQDAPGYRQLRERLWEDCARAGLLLA  
PGHQGPQRPVKDEPQDGENPNPPNWSRTVVRDVRLLISAKTGYGVEELISALQRSWRYRGDVYLVGATNAG  
KSTLFNTLLESYCTAKGSEADRATISPWPGTTLNLLKFPICNPTPYRMFKRHQRLKDDSTQAEEDLSE  
QEQNQLNVLKKGYYVGRVGRFTLYSEEQKDNIPFEFDADSLAFDMENDPVMGTHKSTKQVELTAQDVKD  
AHWFYDTPGITKENCILNLLTEKEVNIVLPTQSIVPRFTVLKPGMVLFLGAIGRIDFLQGNQSAWFTVA  
SNILPVHITSLDRADALYQKHAGHTLLQIPMGGKERMAGFPPLVAEDIMLKEGLGASEAVADIKFSSAGW  
VSVTPNFKDRHLHRLGYTPEGTVLTVRPLLPIVNIKQRIKKSVAKYTKKPPSLMYNVRKKKGKINV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Tag:** C-Myc/DDK

**Predicted MW:** 78.3 kDa

**Concentration:** >0.05 µg/µL as determined by microplate BCA method

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

**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

**Preparation:** Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

**Note:** For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

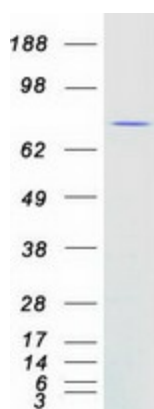
**Storage:** Store at -80°C.



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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>RefSeq:</b>	<a href="#">NP_115689</a>
<b>Locus ID:</b>	84273
<b>UniProt ID:</b>	<a href="#">Q8NC60</a>
<b>RefSeq Size:</b>	2307
<b>Cytogenetics:</b>	4q12
<b>RefSeq ORF:</b>	2094
<b>Synonyms:</b>	C4orf14; hAtNOS1; hNOA1; mAtNOS1; MTG3
<b>Summary:</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]

### Product images:



Coomassie blue staining of purified NOA1 protein (Cat# [TP301000]). The protein was produced from HEK293T cells transfected with NOA1 cDNA clone (Cat# [RC201000]) using MegaTran 2.0 (Cat# [TT210002]).