

# Recombinant Human NONO Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** NONO-691H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | NONO MS Standard C13 and N15-labeled recombinant protein (NP_001138880) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Description</b>      | This gene encodes an RNA-binding protein which plays various roles in the nucleus, including transcriptional regulation and RNA splicing. A rearrangement between this gene and the transcription factor E3 gene has been observed in papillary renal cell carcinoma. Alternatively spliced transcript variants have been described. Pseudogenes exist on Chromosomes 2 and 16.                                                                                                                                      |
| <b>Molecular Mass</b>   | 54.2 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>AA Sequence</b>      | <p>MQSNKTFNLEKQNHTPRKHHQHHHQQQHHQQQQQPPPPPIANGQQASSQNE</p> <p>GLTIDLKNFRKPGEKTFTQRSRLFVGNLPPDITEEEMRKLFKEYGKAGEVFIHKDKGF</p> <p>GFIRLETRTLAEIAKVLDNMPLRGKQLRVRFACHSASLTVRNLPQYVSNELLEEAFS</p> <p>VFGQVERAVVIVDDRGRPSGKGIVEFSGKPAARKALDRCSEGSFLLTTFPRPVTVEP</p> <p>MDQLDDEEGLPEKLVKNQQQFHKEREQPPRFAQPGSFYEYAMRWKALIEMEKQQ</p> <p>QDQVDRNIKEAREKLEMEMEAAARHEHQVMLMRQDLMRQEELRRMEELHNQEVQ</p> <p>KRKQLELRQEEERRRREEEMRRQQEEMMRQQEGFKGTFPDAREQEIRMGQMA</p> <p>MGGAMGINNRGAMPPAPVPAGTPAPPGPATMMPDGLTGLTPPTTERFGQAATME</p> |

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|                       |                                                                                            |
|-----------------------|--------------------------------------------------------------------------------------------|
|                       | GIGAIGGTTPPAFNRAAPGAEFAPNKRRRYTRTRPLEQKLISEEDLAANDILDYKDDDD<br>KV                          |
| <b>Purity</b>         | > 80% as determined by SDS-PAGE and Coomassie blue staining                                |
| <b>Stability</b>      | Stable for 3 months from receipt of products under proper storage and handling conditions. |
| <b>Storage</b>        | Store at -80 centigrade. Avoid repeated freeze-thaw cycles.                                |
| <b>Concentration</b>  | 50 µg/mL as determined by BCA                                                              |
| <b>Storage Buffer</b> | 100 mM glycine, 25 mM Tris-HCl, pH 7.3.                                                    |

## GENE INFORMATION

|                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | NONO non-POU domain containing octamer binding [ Homo sapiens (human) ]                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Official Symbol</b> | NONO                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Synonyms</b>        | NONO; non-POU domain containing, octamer-binding; non POU domain containing, octamer binding; non-POU domain-containing octamer-binding protein; NMT55; non Pou domain containing octamer (ATGCAAAT) binding protein; NRB54; Nuclear RNA binding protein; 54 kD; P54; P54NRB; p54(nrb); 55 kDa nuclear protein; 54 kDa nuclear RNA- and DNA-binding protein; DNA-binding p52/p100 complex, 52 kDa subunit; non-POU domain-containing octamer (ATGCAAAT) binding protein; |
| <b>Gene ID</b>         | 4841                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>mRNA Refseq</b>     | NM_001145408                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

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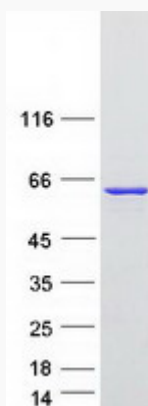
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**Protein Refseq** [NP\\_001138880](#)

**MIM** [300084](#)

**UniProt ID** [Q15233](#)

**SDS-PAGE**



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