

## Recombinant Human NMD3 Protein, GST-tagged

**Cat. No.** NMD3-5923H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human NMD3 full-length ORF ( NP_057022.2, 1 a.a. - 503 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Source</b>           | Wheat Germ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Description</b>      | Ribosomes are composed of 60S and 40S subunits that are assembled in the nucleolus and exported to the cytoplasm through nuclear pore complexes in the nuclear envelope. NMD3 is an adaptor for 60S subunit export via the CRM1 (XPO1; MIM 602559) pathway (Trotta et al., 2003 [PubMed 12773398]).[supplied by OMIM                                                                                                                                                                                                                             |
| <b>Molecular Mass</b>   | 84 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>AA Sequence</b>      | MEYMAESTDRSPGHILCCECGVPISPNPANICVACLRSKVDISQGIPKQVSISFCKQC<br>QRYFQPPGTWIQCALESRELLALCLKKIKAPLSKVRLVDAGFWTEPHSKRLKVKLTI<br>QKEVMNGAILQQVFVDYVVQSQMCGDCHRVEAKDFWKAQVIRQKTLHKKTFYY<br>LEQLILKYGMHQNTLRIKEIHDGLDFYSSKQHAQKMVEFLQCTVPCRYKASQRLIS<br>QDIHSNTYNYKSTFSVEIVPICKDNVCLSPKLAQSLGNMNQICVCIRVTSIAHLIDPN<br>TLQVADIDGSTFWSHPFNSLCHPKQLEEFIVMECSIVQDIKRAAGAGMISKKHTLGEV<br>WVQKTSEMNTDKQYFCRTHLGHLNPGDLVLGFDLANCNLNDEHVNKMNSDRVPD<br>VVLIKKSYDRTKRQRRRNWKLKELARERENMDTDDERQYQDFLEDLEEDEAIRKNV<br>NIYRDSAIPVESDTDDGAPRISLAEMLEDLHISQDATGEEGASMLT |
| <b>Applications</b>     | Enzyme-linked Immunoabsorbent Assay                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

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 45-1 Ramsey Road, Shirley, NY 11967, USA

|                       |                                                                            |
|-----------------------|----------------------------------------------------------------------------|
|                       | Western Blot (Recombinant protein)<br>Antibody Production<br>Protein Array |
| <b>Notes</b>          | Best use within three months from the date of receipt of this protein.     |
| <b>Storage</b>        | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.   |
| <b>Storage Buffer</b> | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.   |

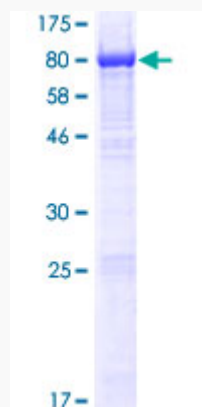
## GENE INFORMATION

|                        |                                                                                                         |
|------------------------|---------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | NMD3 NMD3 homolog (S. cerevisiae) [ Homo sapiens ]                                                      |
| <b>Official Symbol</b> | NMD3                                                                                                    |
| <b>Synonyms</b>        | NMD3; NMD3 homolog (S. cerevisiae); 60S ribosomal export protein NMD3; CGI 07; hNMD3; CGI-07; FLJ21053; |
| <b>Gene ID</b>         | 51068                                                                                                   |
| <b>mRNA Refseq</b>     | NM_015938                                                                                               |
| <b>Protein Refseq</b>  | NP_057022                                                                                               |
| <b>MIM</b>             | 611021                                                                                                  |
| <b>UniProt ID</b>      | Q96D46                                                                                                  |

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**Quality Control****Testing:**

12.5% SDS-PAGE Stained with Coomassie Blue.

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