Recombinant Human NMD3, His-tagged

Cat. No. NMD3-28547TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length protein, corresponding to amino acids 1-503 of Human NMD3 with an N terminal His tag. Predicted mwt: 59 kDa;
Species	Human
Source	E.coli
ProteinLength	1-503 a.a.
Description	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.
Conjugation	HIS
Form	Lyophilised:Reconstitute with 109 µl aqua dest.
Storage buffer	Preservative: NoneConstituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5
Storage	Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	MEYMAESTDRSPGHILCCECGVPISPNPANICVACLRSKV DISQGIPKQVSISFCKQ CQRYFQPPGTWIQCALESREL LALCLKKIKAPLSKVRLVDAGFVWTEPHSKRLKVKL

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	TIQK EVMNGAILQQVFVVDYVVQSQMCGDCHRVEAKDFWKAV IQVRQKTLHKKTF YYLEQLILKYGMHQNTLRIKEIHDG LDFYYSSKQHAQKMVEFLQCTVPCRYKASQRL ISQDIHSN TYNYKSTFSVEIVPICKDNVVCLSPKLAQSLGNMNQIC VCIRVTSAIHLID PNTLQVADIDGSTFWSHPFNSLCHP KQLEEFIVMECSIVQDIKRAAGAGMISKKHTL GEVWVQKT SEMNTDKQYFCRTHLGHLLNPGDLVLGFDLANCNLNDE HVNKMNSD RVPDVVLIKKSYDRTKRQRRRNWKLKELAR ERENMDTDDERQYQDFLEDLEEDEAI RKNVNIYRDSAIPV ESDTDDEGAPRISLAEMLEDLHISQDATGEEGASMLT
Full Length	Full L.

GENE INFORMATION

Gene Name	NMD3 NMD3 homolog (S. cerevisiae) [Homo sapiens]
Official Symbol	NMD3
Synonyms	NMD3; NMD3 homolog (S. cerevisiae); 60S ribosomal export protein NMD3; CGI 07;
Gene ID	51068
mRNA Refseq	NM_015938
Protein Refseq	NP_057022
MIM	611021
Uniprot ID	Q96D46
Chromosome Location	3q26.1

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Pathway	RNA transport, organism-specific biosystem; RNA transport, conserved biosystem; Ribosome biogenesis in eukaryotes, organism-specific biosystem; Ribosome biogenesis in eukaryotes, conserved biosystem;

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