

Recombinant Human NEDD8, His-tagged

Cat. No. NEDD8-29619TH Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human NEDD8 fused to a His tag at the N-terminal; 113 amino acids, 12.8kDa
Species	Human
Source	E.coli
Description	NEDD8 is a ubiquitin-like molecule, that can be covalently conjugated to cellular proteins in a similar way to that of ubiquitin. GST-NEDD8 may be used to identify proteins that interact with human NEDD8.
Conjugation	HIS
Tissue specificity	Highly expressed in heart, skeletal muscle, spleen, thymus, prostate, testis, ovary, colon and leukocytes.
Form	Liquid
Purity	>95% by SDS-PAGE
Storage buffer	Preservative: None Constituents: 10% Glycerol, 50mM Sodium chloride, 20mM Tris HCl, 0.5mM DTT, pH 8.0
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

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Sequences of amino acids	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSHMLI KVKTLTGKEI EIDIEPTDKV ERIKERVEEK EGIPPQQQL IYSGKQMNDE KTAADYKILG GSVLHLVLAL RGG
Sequence Similarities	Belongs to the ubiquitin family.
Full Length	Full L.
GENE INFORMATION	
Gene Name	NEDD8 neural precursor cell expressed, developmentally down-regulated 8 [Homo sapiens]
Official Symbol	NEDD8
Synonyms	NEDD8; neural precursor cell expressed, developmentally down-regulated 8; Nedd 8;
Gene ID	4738
mRNA Refseq	NM_006156
Protein Refseq	NP_006147
MIM	603171
Uniprot ID	Q15843
Chromosome Location	14q11.2
Pathway	p53 pathway, organism-specific biosystem;

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Function

ubiquitin protein ligase binding;

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