

Recombinant Human NEDD9, His-tagged

Cat. No. NEDD9-29304TH Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant fragment, corresponding to amino acids 414-834 of Human HEF1 with an N terminal His tag. Observed mwt: 52 kDa predicted mwt: 49 kDa;
Species	Human
Source	E.coli
ProteinLength	414-834 a.a.
Description	Enhancer of filamentation 1 is a protein that in humans is encoded by the NEDD9 gene.
Conjugation	HIS
Tissue specificity	Widely expressed. Higher levels detected in kidney, lung, and placenta. Also detected in T-cells, B-cells and diverse cell lines. The protein has been detected in lymphocytes, in diverse cell lines, and in lung tissues.
Form	Lyophilised:Reconstitute with 116 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.

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Sequences of amino acids

QRLQQALEMGVSSLMALVTTDWRCYGYMERHINEIRTAVD KVELFLKEYLHFVKGA
 VANAACLPELILHNKMKRELQR VEDSHQILSQTSHDLNECSWSLNILAINKPQNKCD
 DLDRF VMVAKTVPDDAKQLTTTINTNAEALFRPGPGSLHLKNG PESIMNSTEYPHG
 GSQGQLLHPGDHKAQAHNKALPPGL SKEQAPDCSSSDGSEERSWMDYDYVHLQ
 GKEEFERQQKEL LEKENIMKQNKMQLEHHQLSQFQLLEQEITKPVENDIS KWKPSQ
 SLPTTNSGVSAQDRQLLFCFYDQCETHFISLL NAIDALFSCVSSAQPPRIFVAHSKFV
 ILSAHKLVFIGDTL TRQVTAQDIRNKVMNSSNQLCEQLKTIVMATKMAALHY PSTTA
 LQEMVHQVTDLSRNAQLFKRSLLEMATF

Sequence Similarities

Belongs to the CAS family. Contains 1 SH3 domain.

GENE INFORMATION

Gene Name	NEDD9 neural precursor cell expressed, developmentally down-regulated 9 [Homo sapiens]
Official Symbol	NEDD9
Synonyms	NEDD9; neural precursor cell expressed, developmentally down-regulated 9; enhancer of filamentation 1; Cas scaffolding protein family member 2; CAS L; Cas like; CASS2; HEF1;
Gene ID	4739
mRNA Refseq	NM_001142393
Protein Refseq	NP_001135865
MIM	602265

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Uniprot ID	Q14511
Chromosome Location	6p25-p24
Pathway	B Cell Receptor Signaling Pathway, organism-specific biosystem; T Cell Receptor Signaling Pathway, organism-specific biosystem;
Function	protein binding;

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