

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

Cat. No. NEBL-1485H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	NEBL MS Standard C13 and N15-labeled recombinant protein (NP_998734) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a nebulin like protein that is abundantly expressed in cardiac muscle. The encoded protein binds actin and interacts with thin filaments and Z-line associated proteins in striated muscle. This protein may be involved in cardiac myofibril assembly. A shorter isoform of this protein termed LIM nebulin is expressed in non-muscle cells and may function as a component of focal adhesion complexes. Alternate splicing results in multiple transcript variants.
Molecular Mass	31 kDa
AA Sequence	MNPQCARCGKVVPTEKVNCLDKYWHKGC FHCEVCKMALNMNNYKGYEKKPYCN AHYPKQSFTTVADTPENLRLKQQSELQSQVKYKRD FEESKGRGFSIVTDTPELQRLK RTQEQISNVKYHEDFEKTKGRGFTPVDDPVTERVRKNTQVVS DAAYKGVHPHIVE MDRRPGIIVAPVLP GAYQQSHSQGYGYMHQTSVSSMRSMQHSPNLRTYRAMYDYS AQDEDEV SFRDGDYIVNVQPIDDGWMYGT VQRTGRTGMLPANYIEFVNTRTRPLEQ KLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

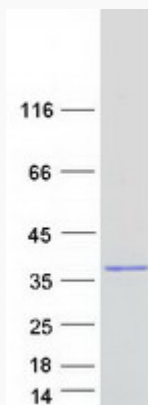
GENE INFORMATION

Gene Name	NEBL nebullette [Homo sapiens (human)]
Official Symbol	NEBL
Synonyms	NEBL; nebullette; LIM-nebullette; actin-binding Z-disk protein; LASP2; LNEBL; FLJ53769; MGC119746; MGC119747;
Gene ID	10529
mRNA Refseq	NM_213569
Protein Refseq	NP_998734
MIM	605491
UniProt ID	O76041

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SDS-PAGE

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