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 nebulette 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	MNPQCARCGKVVYPTEKVNCLDKYWHKGCFHCEVCKMALNMNNYKGYEKKPYCN AHYPKQSFTTVADTPENLRLKQQSELQSQVKYKRDFEESKGRGFSIVTDTPELQRLK RTQEQISNVKYHEDFEKTKGRGFTPVVDDPVTERVRKNTQVVSDAAYKGVHPHIVE MDRRPGIIVAPVLPGAYQQSHSQGYGYMHQTSVSSMRSMQHSPNLRTYRAMYDYS AQDEDEVSFRDGDYIVNVQPIDDGWMYGTVQRTGRTGMLPANYIEFVNTRTRPLEQ KLISEEDLAANDILDYKDDDDKV		**Purity**	> 80% as determined by SDS-PAGE and Coomassie blue staining

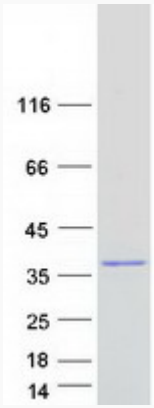
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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM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

GENE INFORMATION

Gene Name	NEBL nebulette [Homo sapiens (human)]
Official Symbol	NEBL
Synonyms	NEBL; nebulette; LIM-nebulette; 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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