Recombinant Human LEMD2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. LEMD2-5782H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	LEMD2 MS Standard C13 and N15-labeled recombinant protein (NP_851853) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a LEM domain-containing transmembrane protein of the inner nuclear membrane. The protein is involved in nuclear structure organization and plays a role in cell signaling and differentiation. Mutations in this gene result in Cataract 46, juvenile-onset. Multiple transcript variants have been found for this gene.
Molecular Mass	57 kDa
AA Sequence	MAGLSDLELRRELQALGFQPGPITDTTRDVYRNKLRRLRGEARLRDEERLREEARP RGEERLREEARLREDAPLRARPAAASPRAEPWLSQPASGSAYATPGAYGDIRPSAA SWVGSRGLAYPARPAQLRRRASVRGSSEEDEDARTPDRATQGPGLAARRWWAAS PAPARLPSSLLGPDPRPGLRATRAGPAGAARARPEVGRRLERWLSRLLLWASLGLL LVFLGILWVKMGKPSAPQEAEDNMKLLPVDCERKTDEFCQAKQKAALLELLHELYNF LAIQAGNFECGNPENLKSKCIPVMEAQEYIANVTSSSSAKFEAALTWILSSNKDVGIW LKGEDQSELVTTVDKVVCLESAHPRMGVGCRLSRALLTAVTNVLIFFWCLAFLWGLL ILLKYRWRKLEEEEQAMYEMVKKIIDVVQDHYVDWEQDMERYPYVGILHVRDSLIPP QSRRRMKRVWDRAVEFLASNESRIQTESHRVAGEDMLVWRWTKPSSFSDSERTR

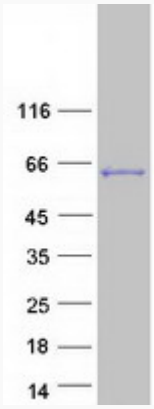
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	TRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw 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	LEMD2 LEM domain containing 2 [Homo sapiens (human)]
Official Symbol	LEMD2
Synonyms	LEMD2; LEM domain containing 2; LEM domain-containing protein 2; dJ482C21.1; NET25; hLEM2;
Gene ID	221496
mRNA Refseq	NM_181336
Protein Refseq	NP_851853
MIM	616312
UniProt ID	Q8NC56

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SDS-PAGE	

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