

Recombinant Human LSM14A Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. LSM14A-3036H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	LSM14A MS Standard C13 and N15-labeled recombinant protein (NP_056393) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	Sm-like proteins were identified in a variety of organisms based on sequence homology with the Sm protein family (see SNRPD2; 601061). Sm-like proteins contain the Sm sequence motif, which consists of 2 regions separated by a linker of variable length that folds as a loop. The Sm-like proteins are thought to form a stable heteromer present in tri-snRNP particles, which are important for pre-mRNA splicing.
Molecular Mass	50.6 kDa
AA Sequence	MSGGTPYIGSKISLISKAEIRYEGILYTIDTENSTVALAKVRSFGTEDRPTDRPIPPRDEVFEYIIFRGSDIKDLTVCEPPKPQCSPQDPAIVQSSLGSSTSSFQSMGSYGPFGFRMPTYSQFSPSSLVGQQFGAVGVAGSSLTSGTETSNSGTLPQSSAVGSAFTQDTRSLKTQLSQGRSSPQLDPLRKSPTMEQAVQTASAHLPAAPAVGRRSPVSTRPLPSASQKAGENQEHRRRAEVHKVSRPENEQLRNDNKRQVAPGAPSAPRRGRGGHRGGRGRFGIRRDGPMKFEDDFESANAQFNKEEIDREFHNKLKLEDKLEKQEKPVNGEDKGDGVDVTQNSEGNADEEDPLGPNCYYDKTKSFFDNISCDNRRERRPTWAEERRLNAETFGIPLRPNRGRGGYRGRGGLGFRGGRGRGGGRGGTFTAPRGFRGGFRGGRG

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GREFADFEYRKDNKVAATRTRPLEQKLISEEDLAANDILDYKDDDDKV

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	LSM14A LSM14A mRNA processing body assembly factor [Homo sapiens (human)]
Official Symbol	LSM14A
Synonyms	LSM14A; LSM14A, SCD6 homolog A (S. cerevisiae); C19orf13, chromosome 19 open reading frame 13, FAM61A, family with sequence similarity 61, member A, LSM14 homolog A (SCD6, S. cerevisiae); protein LSM14 homolog A; DKFZP434D1335; RAP55; RAP55A; hRAP55; hRAP55A; alphaSNBP; LSM14 homolog A; protein SCD6 homolog; RNA-associated protein 55; RNA-associated protein 55A; putative alpha-synuclein-binding protein; family with sequence similarity 61, member A; FAM61A; C19orf13; DKFZp434D1335;
Gene ID	26065
mRNA Refseq	NM_015578

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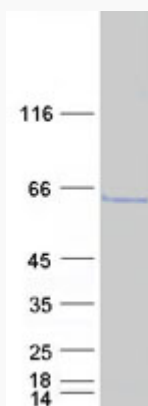
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Protein Refseq NP_056393

MIM 610677

UniProt ID Q8ND56

SDS-PAGE



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