

# Recombinant Full Length Human LSM14A Protein, GST-tagged

**Cat. No.** LSM14A-6137HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                           |
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| <b>Product Overview</b> | Human LSM14A full-length ORF ( AAH16842.1, 1 a.a. - 463 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                                                                                             |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Source</b>           | In Vitro Cell Free System                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>ProteinLength</b>    | 463 amino acids                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Description</b>      | 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.[supplied by OMIM |
| <b>Molecular Mass</b>   | 77 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>AA Sequence</b>      | MSGGTPYIGSKISLISKAEIRYEGILYTIDTENSTVALAKVRSFGTEDRPTDRPIPPRDEVFEYIIFRGSDIKDLTVCEPPKPQCCLPQDPAIVQSSLGSSTSSFQSMGSYGPFGRMPTYSQFSPSSLVGQQFGAVGVAGSSLTSGTETSNSGTLPQSSAVGSAFTQDTRSLKTQLSQGRSSPQLDPLRKSPTEQAVQTASAHLPAPAAVGRRSPVSTRPLPSASQKAGENQEHRRRAEVHKVSRPENEQLRNDNKRQVAPGAPSAPRRGRGGHRGGRGRFGIRRDGPMKFEDKDFESANAQFNKEEIDREFHNKLKLEDKLEKQEKPVNGEDKGDGVDVTQNSEGNADEEDPLGPNCYYDKTKSFFDNISCDNRRERRPTWAEERRLNA                                    |

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|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                         | ETFGIPLRPNRGRGGYRGRGGLGFRGGRGRGGGRGGTFTAPRGFRGGFRGGRG<br>GREFADFEYRKDNKVAA                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Applications</b>     | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)<br>Antibody Production<br>Protein Array                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Notes</b>            | Best use within three months from the date of receipt of this protein.                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Storage</b>          | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Storage Buffer</b>   | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>GENE INFORMATION</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Gene Name</b>        | LSM14A LSM14A, SCD6 homolog A ( <i>S. cerevisiae</i> ) [ <i>Homo sapiens</i> ]                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Official Symbol</b>  | LSM14A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Synonyms</b>         | LSM14A; LSM14A, SCD6 homolog A ( <i>S. cerevisiae</i> ); C19orf13, chromosome 19 open reading frame 13 , FAM61A, family with sequence similarity 61, member A , LSM14 homolog A (SCD6, <i>S. cerevisiae</i> ); 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; |
| <b>Gene ID</b>          | 26065                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>mRNA Refseq</b>      | NM_001114093                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

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|----------------|--------------|
| Protein Refseq | NP_001107565 |
| MIM            | 610677       |
| UniProt ID     | Q8ND56       |

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