

Product datasheet for PH302352

LSM14A (NM_015578) Human Mass Spec Standard

Product data:

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| Product Type: | Mass Spec Standards |
| Description: | LSM14A MS Standard C13 and N15-labeled recombinant protein (NP_056393) |
| Species: | Human |
| Expression Host: | HEK293 |
| Expression cDNA Clone or AA Sequence: | RC202352 |
| Predicted MW: | 50.6 kDa |
| Protein Sequence: | >RC202352 protein sequence Red =Cloning site Green =Tags(s) |

MSGGTPYIGSKISLISKAEIRYEGILYITIDTENSTVALAKVRSFGTEDRPTDRPIPPRDEVFEYIIFRGS
 DIKDLTVCEPPKQCSLPQDPAIVQSSLSSTSSFSQSMGSYGPFGRMPTYSQFSPSSLVGQQFGAVGVAG
 SSLSFTGTETSNSTLTPQSSAVGSAFTQDTRSLKTQLSQGRSSPQLDPLRKSPTEQAVQTASAPHLAPAPA
 AVGRRSPVSTRPLPSASQKAGENQEHRRAEVHKVSRPENEQLRNDNKRQVAPGAPSAPRRGRGGHRRGGG
 RFGIRRDGPMKFEKDFEFESANAQFNKEEIDREFHNKLKLEDKLEKQKPVNGEDKGDSGVDTQNSEGN
 ADEEDPLGPNCYYDKTSFFDNISCDNRERRPTWAEERRLNAETFGIPLRPNRGRGGYRGGGLGFRGG
 RGRGGGRGGTFTAPRGFRGGFRGGGREGFADFERYKDNKVAA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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| Tag: | C-Myc/DDK |
| Purity: | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method |
| Labeling Method: | Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine |
| Buffer: | 25 mM Tris-HCl, 100 mM glycine, pH 7.3 |
| Storage: | Store at -80°C. Avoid repeated freeze-thaw cycles. |
| Stability: | Stable for 3 months from receipt of products under proper storage and handling conditions. |
| RefSeq: | <u>NP_056393</u> |
| RefSeq Size: | 3715 |
| RefSeq ORF: | 1389 |
| Synonyms: | C19orf13; FAM61A; RAP55; RAP55A |


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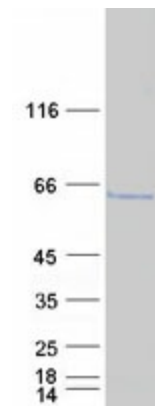
Locus ID: 26065

UniProt ID: [Q8ND56](#)

Cytogenetics: 19q13.11

Summary: 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, Mar 2008]

Product images:



Coomassie blue staining of purified LSM14A protein (Cat# [TP302352]). The protein was produced from HEK293T cells transfected with LSM14A cDNA clone (Cat# [RC202352]) using MegaTran 2.0 (Cat# [TT210002]).