

Product datasheet for PH325784

LSM14A (NM_001114093) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	LSM14A MS Standard C13 and N15-labeled recombinant protein (NP_001107565)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC225784
Predicted MW:	50.6 kDa
Protein Sequence:	>RC225784 protein sequence Red=Cloning site Green=Tags(s)

MSGGTPYIGSKISLISKAEIRYEGILYITDITENSTVALAKVRSFGTEDRPTDRPIPPRDEVFEYIIFRGS
DIKDLTVCEPPKQCSLPQDPQPAIVQSSLSSTSSFQSMGSYGPFGRMPTYSQFSPSSLVGGQFGAVGVAG
SSLTSFGTETSNSGTLPQSSAVGSAFTQDTRSLKTLQSQGRSSPQLDPLRKSPTEQAVQTASAPHLAPAPA
AVGRRSPVSTRPLPSASQKAGENQEHRRAEVHKVSRPENEQLRNDNKRQVAPGAPSAPRRGRGGHRGGRG
RFGIRRDGPMKFEKDFDFESANAQFNKEEIDREFHNKLLKEDKLEKQEKPVNGEDKGDGSGVDTQNSEGN
ADEEDPLGPNICYDKTKSFFDNI SCDDNRERRPTWAEERLNAETFGIPLRPNRGRGGYRGRGGLGFRGG
RGRGGGRGGTFTAPRGFRGGFRGGRGREFADFEYRKDNKVAA

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

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_001107565</u>
RefSeq Size:	3772
RefSeq ORF:	1389
Synonyms:	C19orf13; FAM61A; RAP55; RAP55A



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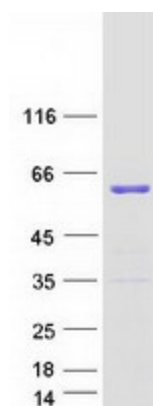
Locus ID: 26065

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# [TP325784]). The protein was produced from HEK293T cells transfected with LSM14A cDNA clone (Cat# [RC225784]) using MegaTran 2.0 (Cat# [TT210002]).