

Recombinant Human LSM5 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. LSM5-6654H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	LSM5 MS Standard C13 and N15-labeled recombinant protein (NP_036454) 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). 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	9.9 kDa
AA Sequence	MAANATTNPSQLLPLELVDKCIGSRIHIVMKSDKEIVGTLLGFDDFVNMVLEDVTEFEI TPEGRRITKLDQILLNGNNITMLVPGGEGPEVTRTRPLEQKLISEEDLAANDILDYKDD DDKV
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.

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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.

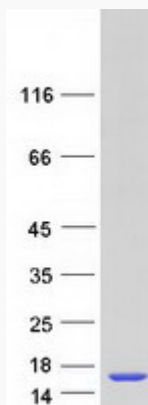
GENE INFORMATION

Gene Name	LSM5 LSM5 homolog, U6 small nuclear RNA and mRNA degradation associated [Homo sapiens (human)]
Official Symbol	LSM5
Synonyms	LSM5; LSM5 homolog, U6 small nuclear RNA associated (S. cerevisiae); U6 snRNA-associated Sm-like protein LSm5; YER146W; FLJ12710;
Gene ID	23658
mRNA Refseq	NM_012322
Protein Refseq	NP_036454
MIM	607285
UniProt ID	Q9Y4Y9

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SDS-PAGE

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