

Recombinant Human LSM12, His-tagged

Cat. No. LSM12-7083H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human LSM12 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
ProteinLength	1-195aa
Description	LSM12 belongs to the snRNP Sm proteins family. 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.
Form	Liquid. In 20mM Tris-HCl buffer (pH 7.5) containing 0.1M NaCl, 10% glycerol, 1mM DTT
Molecular Mass	24.1kDa (218aa)
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMAAPPGE YFSVGSQVSC RTCQEQLRQG EVVAFDYQSK MLALKCPSSS GKPNHADILL INLQYVSEVE IINDRTETPP PLASLNVSKL ASKARTEKEE KLSQAYAISA GVSLEGQQLF QTIHKTIKDC KWQEKNIIVM EEVITPPYQ VENCKGKEGS ALSHVRKIVE KHFRDVESQK

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	ILQRSQAQQP QKEAALSS
Purity	>90% by SDS - PAGE
Applications	SDS-PAGE
Storage	Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.
Concentration	1 mg/ml

GENE INFORMATION

Gene Name	LSM12 LSM12 homolog (<i>S. cerevisiae</i>) [<i>Homo sapiens</i>]
Official Symbol	LSM12
Synonyms	LSM12; LSM12 homolog (<i>S. cerevisiae</i>); protein LSM12 homolog; FLJ30656; PNAS-135; MGC104211;
Gene ID	124801
mRNA Refseq	NM_152344
Protein Refseq	NP_689557
MIM	611793
UniProt ID	Q3MHD2
Chromosome Location	17q21.31

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