

Recombinant Human LSM4 Protein, His-tagged

Cat. No. LSM4-188H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human LSM4(Met1-Gln139) fused with His tag at C-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-139 a.a.
Description	THis gene encodes a member of the LSm family of RNA-binding proteins. LSm proteins form stable heteromers that bind specifically to the 3'-terminal oligo(U) tract of U6 snRNA and may play a role in pre-mRNA splicing by mediating U4/U6 snRNP formation. Alternatively spliced transcript variants encoding multiple isoforms have been observed for tHis gene.
Form	Lyophilized from a 0.2 μ filtered solution of 20mM Tris-HCl, 100mM NaCl, 1mM DTT, pH 8.0. Stable for at least 6 months from date of receipt under proper storage and handling conditions.
Molecular Mass	17.5 kDa
Endotoxin	< 0.1 EU per μ g protein as determined by LAL test
Purity	>95% as determined by SDS-PAGE and Coomassie blue staining

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Concentration Resuspend the protein to the desired concentration in proper buffer.

GENE INFORMATION

Gene Name	LSM4 LSM4 homolog, U6 small nuclear RNA associated (S. cerevisiae) [Homo sapiens]
Official Symbol	LSM4
Synonyms	LSM4; LSM4 homolog, U6 small nuclear RNA associated (S. cerevisiae); U6 snRNA-associated Sm-like protein LSm4; YER112W; glycine-rich protein; GRP;
Gene ID	25804
mRNA Refseq	NM_001252129
Protein Refseq	NP_001239058
MIM	607284
UniProt ID	Q9Y4Z0

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