

Recombinant Full Length Human LSM4 Protein, GST-tagged

Cat. No. LSM4-5997HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human LSM4 full-length ORF (NP_036453.1, 1 a.a. - 139 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	139 amino acids
Description	Sm-like proteins were identified in a variety of organisms based on sequence homology with the Sm protein family (see SNRPD2; MIM 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
Molecular Mass	41.7 kDa
AA Sequence	MLPLSLLKTAQNHPMLVELKNGETYNGHLVSCDNWMNINLREVICTSRDGDKFWRM PECYIRGSTIKYLRIPEIIDMVKEEVVAKGRGRGGLQQKQKQKGRGMGGAGRGVF GGRGRGGIPGTGRGQPEKKPGRQAGKQ
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

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Protein Array

Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution 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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