

Recombinant Human LSM4 protein, GST-tagged

Cat. No. LSM4-1867H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human LSM4 protein(1-139 aa), fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-139 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.
AA Sequence	MLPLSLLKTAQNHPMLVELKNGETYNGHLVSCDNWMNINLREVICTSRDGDKFWRM PECYIRGSTIKYLRIPEIIDMVKEEVVAKGRGRGGLQQKQKQKGRGMGGAGRGVF GGRGRGGIPGTGRGQPEKKPGRQAGKQ
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage.

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Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

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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