

Recombinant Human LSM5 protein, GST-tagged

Cat. No. LSM5-654H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human LSM5 protein(1-91 aa), fused with N-terminal GST tag, was expressed in E. coli.
Species	Human
Source	E. coli
ProteinLength	1-91 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 100 mM reduced glutathione (GSH).
AASequence	MAANATTNPSQLLPLELVDKCIGSRIHIVMKSDKEIVGTLLGFDDFVNMVLEDVTEFEI TPEGRRITKLDQILLNGNNITMLVPGGEGPEV
Purity	85%, by SDS-PAGE.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

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0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

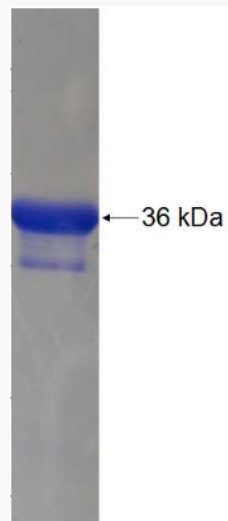
Gene Name	LSM5 LSM5 homolog, U6 small nuclear RNA associated (S. cerevisiae) [Homo sapiens]
Official Symbol	LSM5
Synonyms	LSM5; LSM5 homolog, U6 small nuclear RNA associated (S. cerevisiae); U6 snRNA-associated Sm-like protein LSm5; YER146W; FLJ12710;
mRNA Refseq	NM_001130710
Protein Refseq	NP_001124182
MIM	607285
UniProt ID	Q9Y4Y9
Gene ID	23658

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SDS-PAGE



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