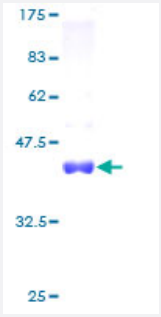
Full-Length

# LSM3 (Human) Recombinant Protein (P01)

Catalog # H00027258-P01 Size 25 ug, 10 ug

## Applications




## Specification

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|---|---|
| **Product Description** | Human LSM3 full-length ORF ( AAH07055, 1 a.a. - 102 a.a.) recombinant protein with GST-tag at N-terminal. |
| **Sequence** | MADDVDQQQTTNTVEEPLDLIRLSLDERIYVKMRNDRELRGRLHAYDQHLNMILGDVEETVTTIEID EETYEEIYKSTKRNIPMLFVRGDGVVLVAPPLRVG |
| **Host** | Wheat Germ (in vitro) |
| **Theoretical MW (kDa)** | 36.96 |
| **Preparation Method** | *in vitro* wheat germ expression system |
| **Purification** | Glutathione Sepharose 4 Fast Flow |
| **Quality Control Testing** | 12.5% SDS-PAGE Stained with Coomassie Blue. |
| **Storage Buffer** | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer. |
| **Storage Instruction** | Store at -80°C. Aliquot to avoid repeated freezing and thawing. |
| **Note** | Best use within three months from the date of receipt of this protein. |

## Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

## Gene Info — LSM3

| | |
|---|---|
| **Entrez GeneID** | 27258 |
| **GeneBank Accession#** | BC007055 |
| **Protein Accession#** | AAH07055 |
| **Gene Name** | LSM3 |
| **Gene Alias** | SMX4, USS2, YLR438C |
| **Gene Description** | LSM3 homolog, U6 small nuclear RNA associated (S. cerevisiae) |
| **Omim ID** | 607283 |
| **Gene Ontology** | Hyperlink |
| **Gene Summary** | 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-li ke proteins are thought to form a stable heteromer present in tri-snRNP particles, which are impor tant for pre-mRNA splicing.[supplied by OMIM |
| **Other Designations** | Lsm3 protein |

## Pathway

- RNA degradation

## Disease

- Disease Progression
- Disease Susceptibility
- HIV Infections