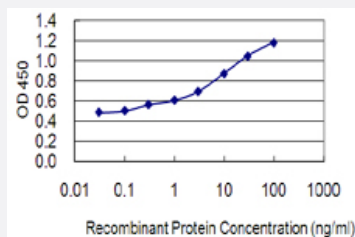


LSM4 monoclonal antibody (M01), clone 8A10

Catalog # H00025804-M01

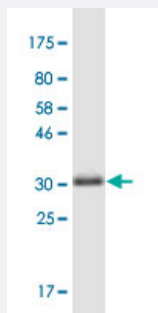
Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged LSM4 is 0.1 ng/ml as a capture antibody.



Western Blot detection against Immunogen (33.77 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant LSM4.
Immunogen	LSM4 (NP_036453.1, 1 a.a. ~ 73 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MLPLSLLKTAQNHMLVELKNGETYNGHLVSCDNWMNINLREVICTSRDGDKFWRMPECYIRGSTI KYLRIPI
Host	Mouse
Reactivity	Human

Interspecies Antigen Sequence	Mouse (96); Rat (96)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (33.77 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged LSM4 is 0.1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — LSM4

Entrez GeneID	25804
GeneBank Accession#	NM_012321
Protein Accession#	NP_036453.1
Gene Name	LSM4
Gene Alias	YER112W
Gene Description	LSM4 homolog, U6 small nuclear RNA associated (S. cerevisiae)
Omim ID	607284
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-like proteins are thought to form a stable heteromer present in tri-snRNP particles, which are important for pre-mRNA splicing.[supplied by OMIM]

Other Designations

U6 snRNA-associated Sm-like protein|U6 snRNA-associated Sm-like protein 4

Pathway

- [RNA degradation](#)

Disease

- [Celiac Disease](#)
- [Genetic Predisposition to Disease](#)