LSM2 Blocking Peptide (C-Term)
Synthetic peptide
Catalog # BP21749b

Specification

LSM2 Blocking Peptide (C-Term) - Product Information

Primary Accession   Q9Y333

LSM2 Blocking Peptide (C-Term) - Additional Information

Gene ID 57819

Other Names
U6 snRNA-associated Sm-like protein LSm2, Protein G7b, Small nuclear ribonuclear protein D homolog, snRNP core Sm-like protein Sm-x5, LSM2, C6orf28, G7B

Target/Specificity
The synthetic peptide sequence is selected from aa 75-89 of HUMAN LSM2

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

LSM2 Blocking Peptide (C-Term) - Protein Information

Name LSM2

Synonyms C6orf28, G7B

Function
Plays a role in pre-mRNA splicing as component of the U4/U6- U5 tri-snRNP complex that is involved in spliceosome assembly, and as component of the precatalytic spliceosome (spliceosome B complex) (PubMed:28781166). The heptameric LSM2-8 complex binds specifically to the 3'-terminal U-tract of U6 snRNA (PubMed:10523320).

Cellular Location
Nucleus

LSM2 Blocking Peptide (C-Term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

LSM2 Blocking Peptide (C-Term) - Images

LSM2 Blocking Peptide (C-Term) - Background

Binds specifically to the 3'-terminal U-tract of U6 snRNA. May be involved in pre-mRNA splicing.

LSM2 Blocking Peptide (C-Term) - References

Achsel T.,et al.EMBO J. 18:5789-5802(1999).
Olavesen M.G.,et al.Submitted (AUG-1999) to the EMBL/GenBank/DDBJ databases.
Schmarda A.,et al.Submitted (OCT-1999) to the EMBL/GenBank/DDBJ databases.
Xie T.,et al.Genome Res. 13:2621-2636(2003).
Shiina S.,et al.Submitted (SEP-1999) to the EMBL/GenBank/DDBJ databases.