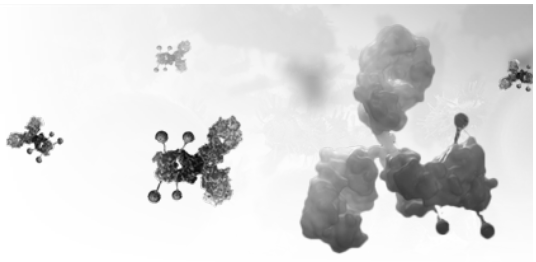

Mouse MAEL peptide (DAG-P0796)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Plays a central role during spermatogenesis by repressing transposable elements and prevent their mobilization, which is essential for the germline integrity. Acts via the piRNA metabolic process, which mediates the repression of transposable elements during meiosis by forming complexes composed of piRNAs and Piwi proteins and govern the methylation and subsequent repression of transposons. Its association with piP-bodies suggests a participation in the secondary piRNAs metabolic process. Required for localization of germ-cell factors to the meiotic nuage.
Specificity	Testis-specific. Expressed in various cancer cell lines, probably due to demethylation of its promoter.
Conjugate	Unconjugated
Sequence Similarities	Belongs to the maelstrom family.Contains 1 HMG box DNA-binding domain.
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	Mael maelstrom homolog (Drosophila) [Mus musculus (house mouse)]
Official Symbol	MAEL
Synonyms	MAEL; maelstrom homolog (Drosophila); AU019877; 4933405K18Rik; protein maelstrom homolog;

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

Entrez Gene ID	98558
mRNA Refseq	NM_175296.4
Protein Refseq	NP_780505.1
UniProt ID	Q8BVN9
Chromosome Location	1 H2.3; 1
Function	DNA binding; protein binding;

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221