

## Data Sheet (Cat.No.TP1758)

LCMV gp33-41

### Chemical Properties

CAS No.:	151705-84-9
Formula:	C48H73N11O13S
Molecular Weight:	1044.22
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

### Biological Description

Description	LCMV gp33-41, the carboxyl-extended 11-aa-long peptide, is an lymphocytic choriomeningitis virus sequence restricted by MHC class I H-2Db molecules and presented to cytotoxic T lymphocytes. This is the H-2Db restricted epitope derived from the lymphocytic choreomeningitis virus (LCMV) glycoprotein gp 33; residues 33 to 41.
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### Solubility Information

Solubility	H2O: Soluble ( < 1 mg/ml refers to the product slightly soluble or insoluble)
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#### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.958 mL	4.788 mL	9.577 mL
5 mM	0.192 mL	0.958 mL	1.915 mL
10 mM	0.096 mL	0.479 mL	0.958 mL
50 mM	0.019 mL	0.096 mL	0.192 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

#### Reference

1. Gairin JE, et al. Optimal lymphocytic choriomeningitis virus sequences restricted by H-2Db major histocompatibility complex class I molecules and presented to cytotoxic T lymphocytes. *J Virol.* 1995 Apr;69(4):2297-305.

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