

## S-adenosylmethionine (SAM)

**Catalog Number** LDG0017RI

**Package** 50 µL \* 10 vials (set) / bulk

For full product information, images and publications, please visit [our website](#).



### Overview

#### Description

SAM (S-Adenosyl-L-methionine) is vital for cell function and survival, involved in metabolic pathways like transmethylation, transsulfuration, and polyamine synthesis. It also affects restriction enzyme cleavage. SAMe has been extensively studied for depression, osteoarthritis, and liver diseases, exploring its therapeutic benefits.

#### Product Note

For use of methylation reaction the SAM should be diluted 1:400 to a final concentration of 80µM.

### Specifications

#### Concentration

32 mM

#### Form

Liquid

### Instruction

#### Shipping

The product is shipped with polar packs. Upon receipt, store it immediately at -20°C or lower for long term storage.

#### Stability & Storage

This product is stable after storage at:

- -20°C or -80°C for 12 months under sterile conditions from date of receipt.

Avoid repeated freeze/thaw cycles."

**Disclaimer :** For Research Use or Further Manufacturing Only.

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