

EpiScope® Methylated HCT116 gDNA

Code No. 3522 **Size: 10 µg**
Conc.: 100 ng/µl

* 2 years from date of receipt under proper storage conditions.

Description:

Analysis of DNA methylation is one of the regions of epigenetics research, where more attention is recently attracted. It has been known that some cytosines at CpG sequences of mammalian genomic DNA are methylated. Some CpG islands in promoter region of a gene are especially analyzed about its DNA methylation, because methylation of the promoter region may control transcriptional activity of the gene. There are various methods of DNA methylation analysis, such as Bisulfite sequence, etc. This product is genomic DNA, which was purified from human HCT116 cells, highly methylated using CpG methylase. It can be used as a positive (highly-methylated) control* in various experiments of DNA methylation analysis.

* Please utilize EpiScope Unmethylated HCT116 DKO gDNA (Cat. #3521) as a negative control (non- or hypo-methylated DNA).

Form: 10 mM Tris-HCl, pH 8.0
1 mM EDTA

Storage: -20°C

Source and preparation:

This product is enzymatically methylated HCT116 derived genomic DNA with CpG Methylase (M. Sss I) and purified by phenol/chloroform extraction and ethanol precipitation.

Quality Control Data:

Please see the Certificate of Analysis (CoA) for each lot. You can download the CoA on Takara Bio website.

Applications:

Used as a positive control (highly-methylated) human genomic DNA for Bisulfite sequence, Combined Bisulfite Restriction Analysis (COBRA), Methylated CpG Island Recovery Assay, and other DNA methylation analysis methods.

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Note

This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals. Also, do not use this product as food, cosmetic, or household item, etc. Takara products may not be resold or transferred, modified for resale or transfer, or used to manufacture commercial products without written approval from Takara Bio Inc. If you require licenses for other use, please contact us by phone at +81 77 565 6972 or from our website at www.takarabio.com. Your use of this product is also subject to compliance with any applicable licensing requirements described on the product web page. It is your responsibility to review, understand and adhere to any restrictions imposed by such statements. All trademarks are the property of their respective owners. Certain trademarks may not be registered in all jurisdictions.

