



**Human Mesenchymal Stem Cell-adipose Genomic DNA  
(HMSC-ad gDNA)**  
Catalog Number: 7519

Quantity: 5 µg

**Product Description**

ScienCell's genomic DNAs are isolated from early passage of over 100 different human primary cell types by Qiagen Allprep kit. The quality and purity of genomic DNA are tested by spectrophotometer and electrophoresis. A<sub>260</sub>/A<sub>280</sub> is between 1.8 and 2.0. Our genomic DNAs are provided ready to use for SNP analysis, DNA methylation analysis, Southern Blotting, and PCR. Getting genomic DNAs from ScienCell will save you valuable research time to immediately identify genes of interest; no longer will you need to acquire tissues or cells and isolate genomic DNA by yourself.

**Quality Control**

- The A<sub>260</sub>/A<sub>280</sub> ratio of the genomic DNA is measured to be 1.8 - 2.0 using Beckman Coulter DU 800 spectrophotometer.
- PCR detected alpha-actin gene.

**Application**

- PCR, SNP analysis and Southern Blotting
- Genomic DNA library construction
- Genomic DNA methylation study
- Profiling study in gene expression

**Storage Conditions**

Store genomic DNA at -80°C. Avoid repeated freeze/thaw cycles.