Human Mesenchymal Stem Cell-bone marrow Total RNA (HMSC-bm tRNA)

Catalog #7505

Quantity: 10 µg

Product Description

Human Mesenchymal Stem Cell-bone marrow total RNA (HMSC-bm tRNA) is prepared from early passage Human Mesenchymal Stem Cells-bone marrow using the Qiagen AllPrep DNA/RNA Mini kit. Total RNA concentration was determined by DU 800 UV/Visible spectrophotometer. Total RNA from ScienCell Research Laboratories is convenient and cost effective for researchers as it eliminates the need to acquire expensive tissues for isolation of RNA.

Quality Control

- Purity: A_{260}/A_{280} ratio of 1.9-2.1
- RNA integrity: intact 18S rRNA bands and 28S rRNA bands verified by a denaturing agarose gel, with a 2:1 ratio of 28S:18S.

Application

- RT-PCR and Real Time RT-PCR
- cDNA synthesis
- RNA protection assay
- Northern blot analysis
- Purification of mRNA for library construction
- PCR-select cDNA subtraction

Product Use

HMSC-bm tRNA is for research use only. It is not approved for human or animal use, or for application in *in vitro* diagnostic procedures.

Storage

Store the RNA immediately at -80°C upon arrival. To ensure stability, it is recommended to aliquot the RNA into single-use fractions to avoid repeated freeze/thaw cycles.

Shipping

Dry ice.

Note: The Qiagen AllPrep DNA/RNA Mini kit isolates all RNA molecules larger than 200 nucleotides. RNA molecules <200 nucleotides are selectively excluded.