



**Human Mesenchymal Stem Cell – Bone Marrow total RNA  
(HMSC-bm total RNA)**

Catalog Number: 7505

RNA Preparation:	Human Mesenchymal Stem Cells from Bone Marrow (Cat. No. 7505) were harvested by trypsinization method and total RNA were isolated using Qiagen RNeasy kit. Total RNA concentration was determined by DU 800 UV/Visible spectrophotometer. An aliquot of 10 µg at concentration of 1 mg/ml was stored at -80°C.
Applications	RT-PCR, cDNA synthesis, RNA protection assay, northern blot analysis, purification of mRNA for library construction, PCR-select cDNA subtraction, and DNA micro array.
Storage Condition:	Store the RNA immediately at -80°C upon arrival. To ensure stability, we recommend aliquote the RNA into single-use fraction to avoid repeated freeze/thaw cycle.
Quality Control:	Purity: A <sub>260</sub> /A <sub>280</sub> 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. Residual DNA: not detected by RT-PCR.
Concentration	10 µg (1mg/ml)
Shipping	Dry ice