

## bmMSCs(human bone marrow-derived mesenchymal stem cell) whole cell lysate

**Cat. No.** bmMSCs-172H    **Lot. No.** (See product label)

### SPECIFICATION

#### Product Overview

|                            |                                                                                                                                                                                                                                                                                 |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Species</b>             | Human                                                                                                                                                                                                                                                                           |
| <b>Tissue Type</b>         | Bone Marrow                                                                                                                                                                                                                                                                     |
| <b>Preparation method</b>  | Cell lysate was prepared by homogenization in ice-cold modified RIPA Lysis Buffer with cocktail of protease inhibitors. Cell debris was removed by centrifugation. Protein concentration was determined with Bradford assay (Bio-Rad protein assay, Microplate Standard assay). |
| <b>Lysis buffer</b>        | Modified RIPA Lysis Buffer: 50 mM Tris-HCl pH 7.4, 150 mM NaCl, 1mM EDTA, 1% Triton X-100, 0.1% SDS, 1% Sodium deoxycholate, 1mM PMSF.                                                                                                                                          |
| <b>Size</b>                | 50 ug                                                                                                                                                                                                                                                                           |
| <b>Recommended Usage</b>   | Use it directly for immuno-precipitation, or heat lysate with SDS gel loading buffer to 95°C for 5 minutes followed by rapid cooling for western blot application. If dissociating conditions are required, add reducing agent prior to heating.                                |
| <b>Storage Buffer</b>      | In modified RIPA Lysis Buffer.                                                                                                                                                                                                                                                  |
| <b>Storage Instruction</b> | Store at -80°C. Aliquot to avoid repeated freezing and thawing.                                                                                                                                                                                                                 |

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**Applications**

Western Blot;Immunoprecipitation;

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