

Resource Summary Report

Generated by [RRID](#) on Sep 7, 2026

HBMSC

RRID:CVCL_A9JT

Type: Cell Line

Proper Citation

RRID:CVCL_A9JT

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_A9JT

Proper Citation: RRID:CVCL_A9JT

Description: Cell line HBMSC is a Finite cell line with a species of origin Homo sapiens (Human)

Sex: Male

Category: Finite cell line

Organism: Homo sapiens (Human)

Name: HBMSC

Synonyms: Human Bone Marrow Mesenchymal Stem Cells

Cross References: CCRID:5301HUM-KCB17038ZJ, KCB:KCB 2017038ZJ, Wikidata:Q108820399

ID: CVCL_A9JT

Record Creation Time: 20220427T220316+0000

Record Last Update: 20260905T180214+0000

Ratings and Alerts

No rating or validation information has been found for HBMSC.

No alerts have been found for HBMSC.

Data and Source Information

Source: [CelloSaurus](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

Listed below are recent publications. The full list is available at [RRID](#) .

Zhang J, et al. (2025) BDNF alleviates senescence and enhances osteogenic differentiation in bone marrow mesenchymal stem cells via the TrkB/PI3K/AKT pathway. Tissue & cell, 96, 102972.

Song F, et al. (2025) Chitosan hydrogel incorporated with bone marrow mesenchymal stem cell-derived exosomal TIMP2 to inhibit angiogenesis in cholangiocarcinoma. Tissue & cell, 93, 102694.

Xu FT, et al. (2025) BMSC exosomes deliver JKAP to restore Th17/Treg balance via AKT/ERK, alleviating rheumatoid arthritis. iScience, 28(7), 112832.

Li HB, et al. (2022) METTL14-mediated epitranscriptome modification of MN1 mRNA promote tumorigenicity and all-trans-retinoic acid resistance in osteosarcoma. EBioMedicine, 82, 104142.