

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

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.

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

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.

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.