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## ATDC5 Whole Cell Lysate

Catalog # PL2027a

### Specification

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#### ATDC5 Whole Cell Lysate - Additional Information

##### Application Notes

Ready-to-use ATDC5 whole cell lysate is prepared as a positive control for separation by SDS-PAGE and subsequent western blot analysis. Heat lysate to 95°C for 5 minutes and rapidly cool. The recommended loading volume per lane is 2~10 ul depending on the size format of your gel.

##### Format

Whole lysate is stored in 1 X SDS 0.3% beta-mercaptoethanol sample buffer.

##### Storage

Store vial at -70°C or colder. For extended storage, aliquot contents to minimize freeze/thaw cycles. Storage at -20°C will be stable for three months, storage at -70°C will be stable for one year.

##### Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

### ATDC5 Whole Cell Lysate - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### ATDC5 Whole Cell Lysate - Citations

- [Vitamin C effects on 5-hydroxymethylcytosine and gene expression in osteoblasts and chondrocytes: Potential involvement of PHD2.](#)
- [A novel glucosamine derivative with low cytotoxicity enhances chondrogenic differentiation of ATDC5.](#)
- [BMP-9 dependent pathways required for the chondrogenic differentiation of pluripotent stem cells.](#)