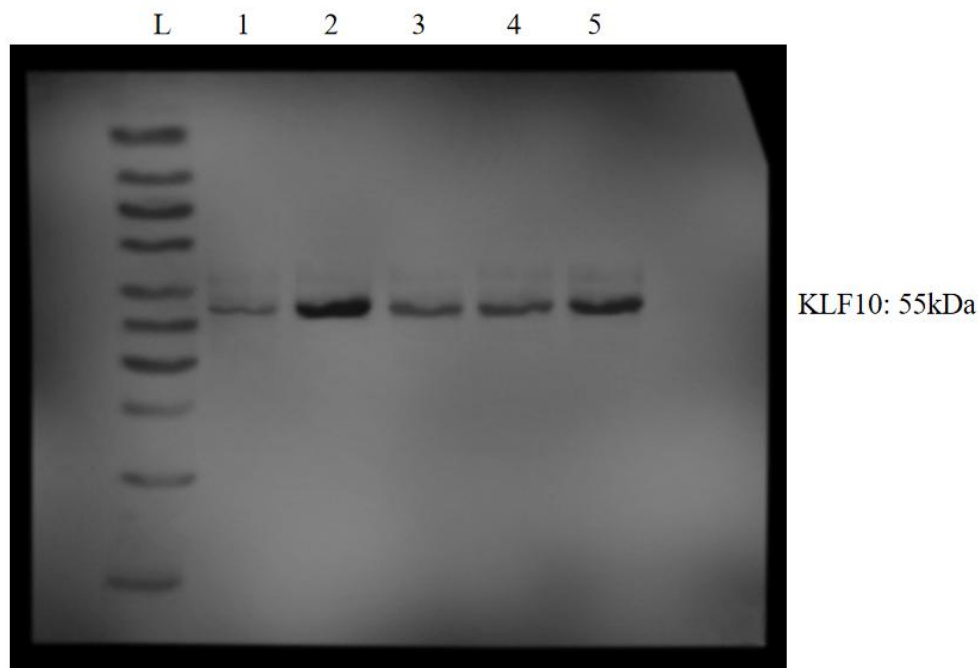
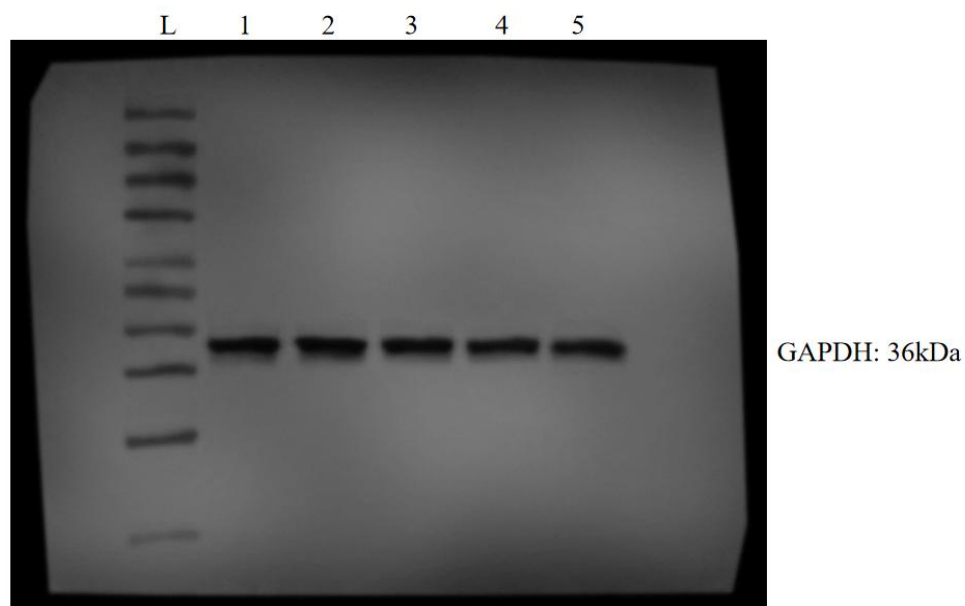


1) Corresponding to Figure 4f

Uncropped Western blot image of transcription factor KLF10



Uncropped Western blot image of internal reference protein GAPDH

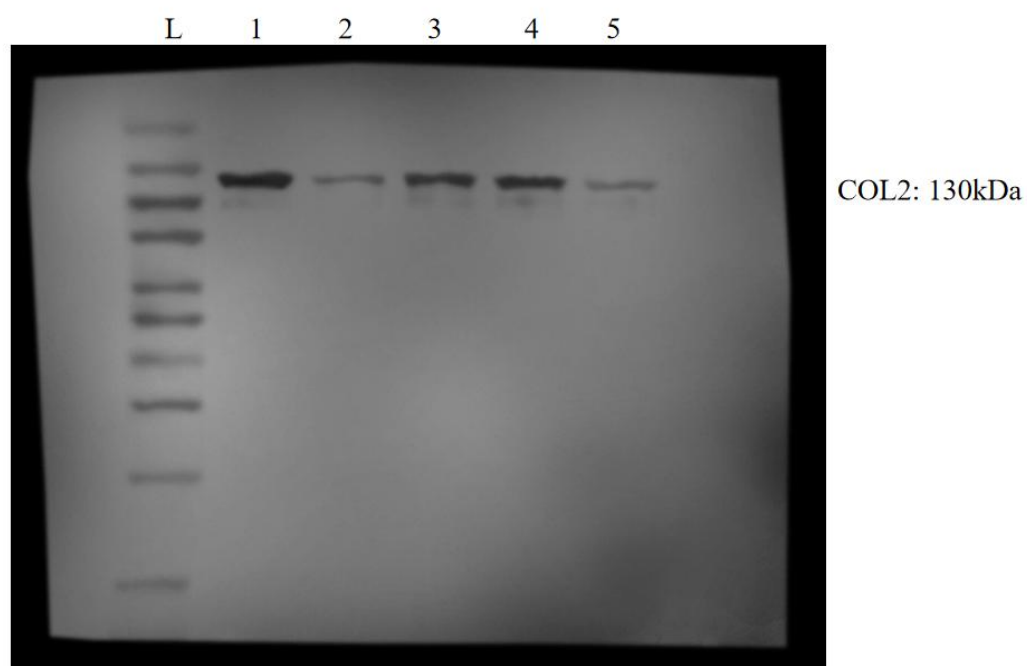


L. indicates the ladder;

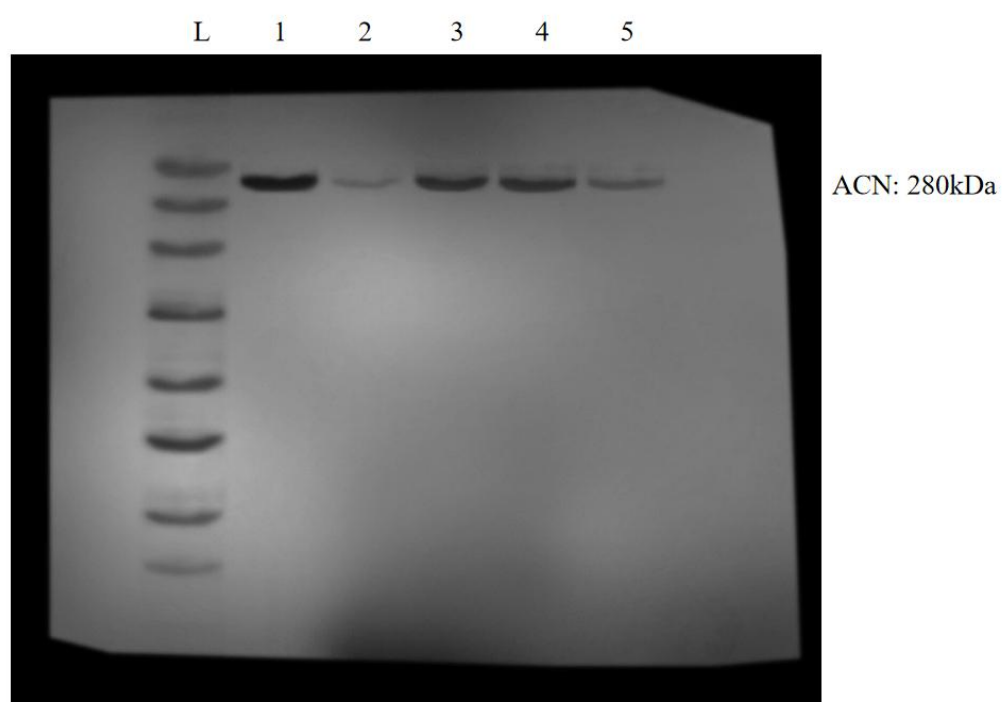
1. Control chondrocytes (Ctrl);
2. Chondrocytes treated with IL-1 β +miR-576-5p negative control (IL-1 β +miR-NC);
3. Chondrocytes treated with IL-1 β + miR-576-5p mimic (IL-1 β +miR-mimic);
4. Chondrocytes treated with IL-1 + miR-576-5p mimic + KLF10 negative control (IL-1 β +miR+oe-NC);
5. Chondrocytes treated with IL-1 β + miR-576-5p mimic + KLF10 overexpression (IL-1 β +miR+oe-KLF10)

2) Corresponding to Figure S2a-b

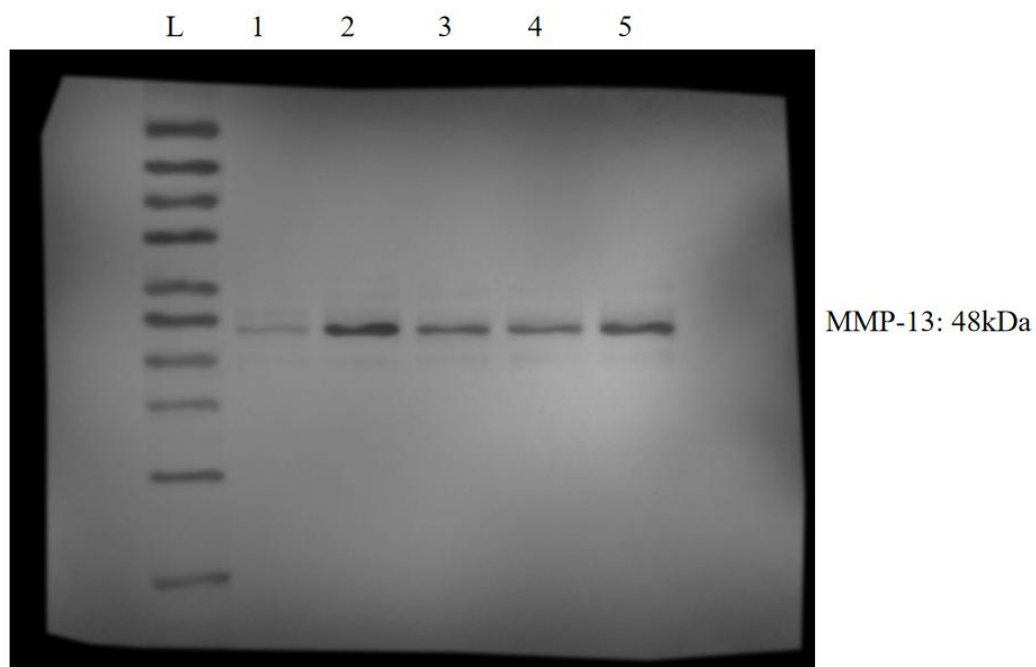
Uncropped Western blot images of extracellular matrix synthesis markers (COL2)



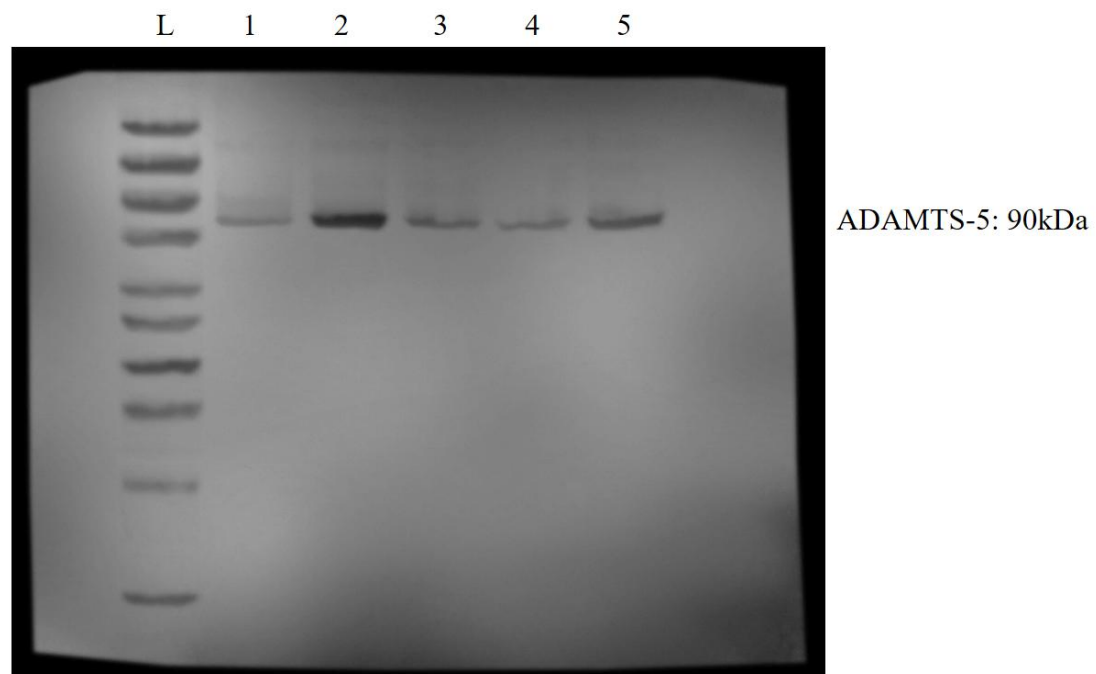
Uncropped Western blot images of extracellular matrix degradation markers (ACN)



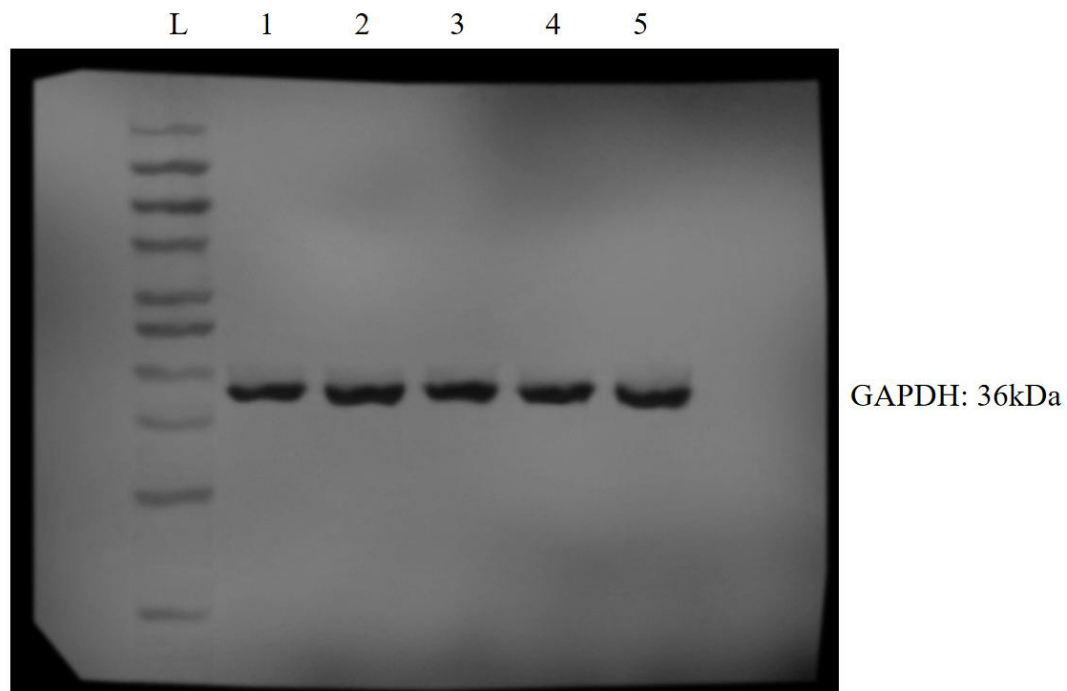
Uncropped Western blot images of extracellular matrix degradation markers
(MMP-13)



Uncropped Western blot images of extracellular matrix degradation markers
(ADAMTS-5)



Uncropped Western blot image of internal reference protein GAPDH



L. indicates the ladder;

1. Control chondrocytes (Ctrl);

2. Chondrocytes treated with IL-1 β +miR-576-5p negative control (IL-1 β +miR-NC);

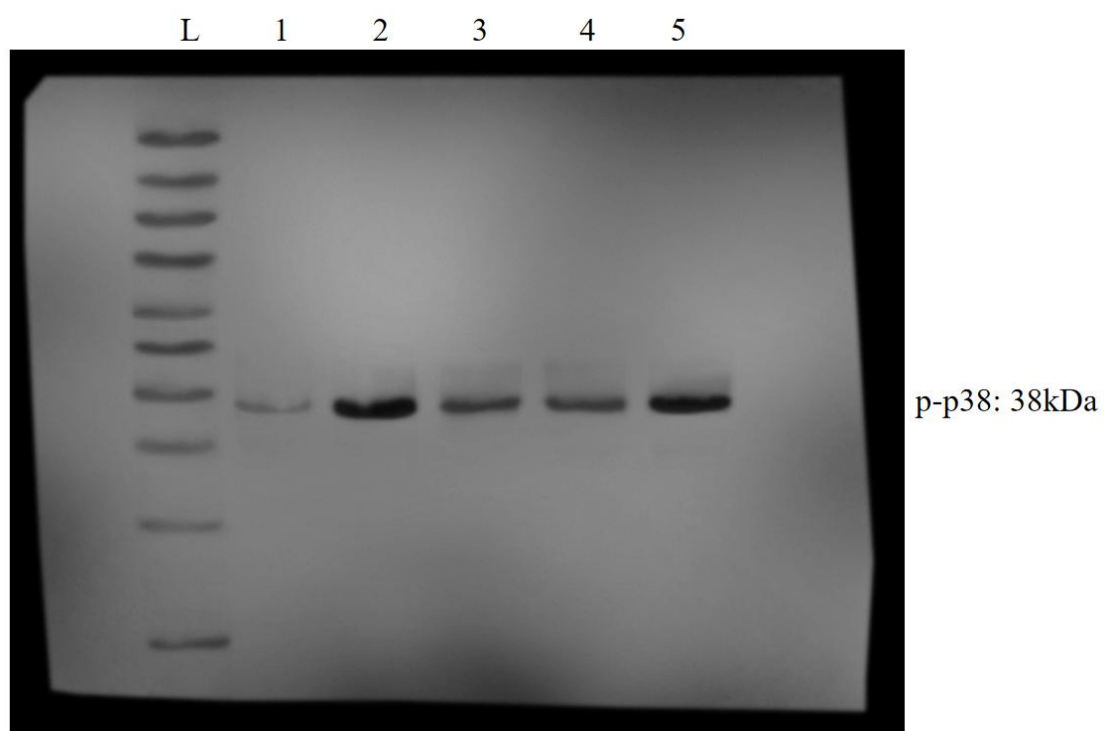
3. Chondrocytes treated with IL-1 β + miR-576-5p mimic (IL-1 β +miR-mimic);

4. Chondrocytes treated with IL-1 + miR-576-5p mimic + KLF10 negative control (IL-1 β +miR+oe-NC);

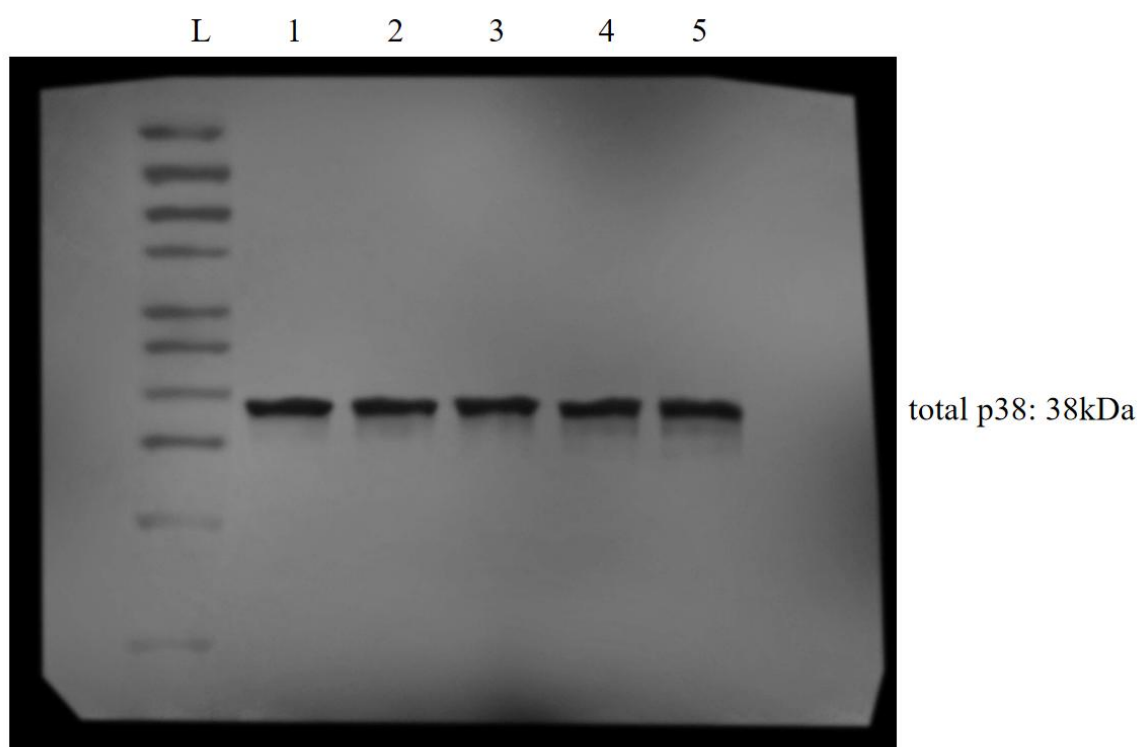
5. Chondrocytes treated with IL-1 β + miR-576-5p mimic + KLF10 overexpression (IL-1 β +miR+oe-KLF10)

3) Corresponding to Figure S3

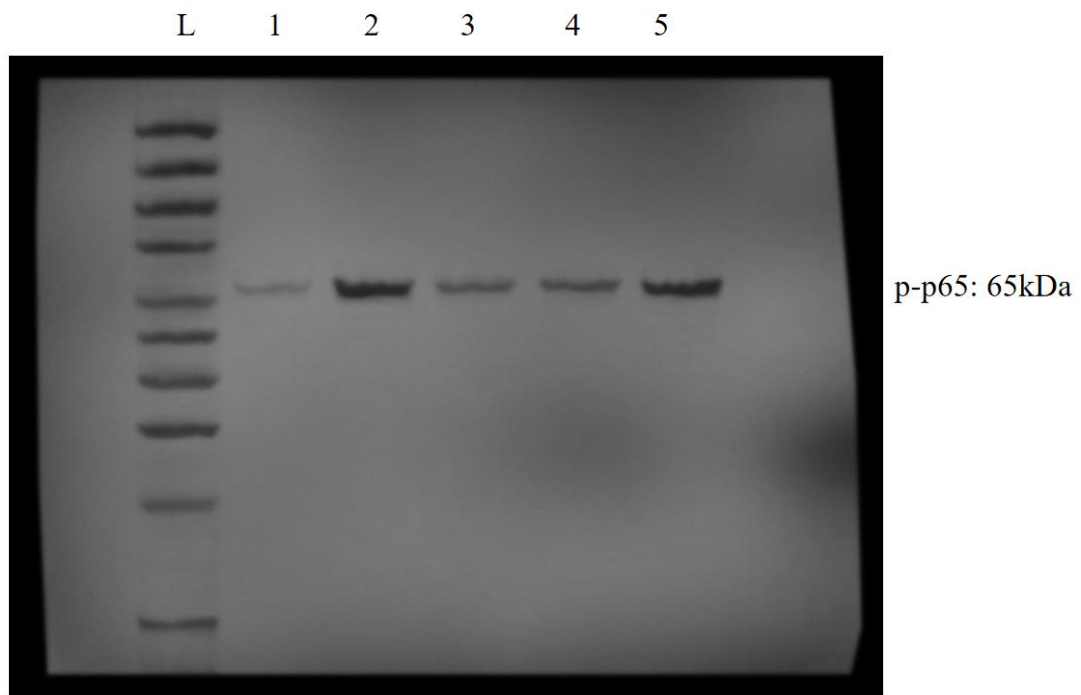
Uncropped Western blot images of MAPK pathway-related proteins (p-p38)



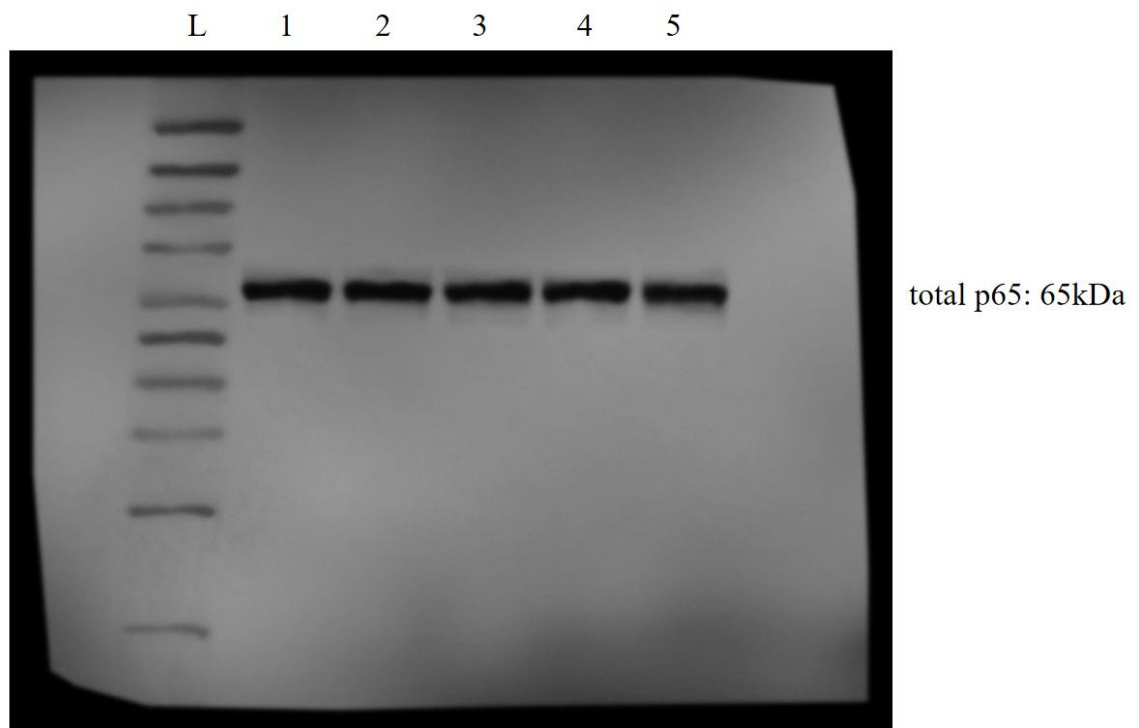
Uncropped Western blot images of MAPK pathway-related proteins (total p38)



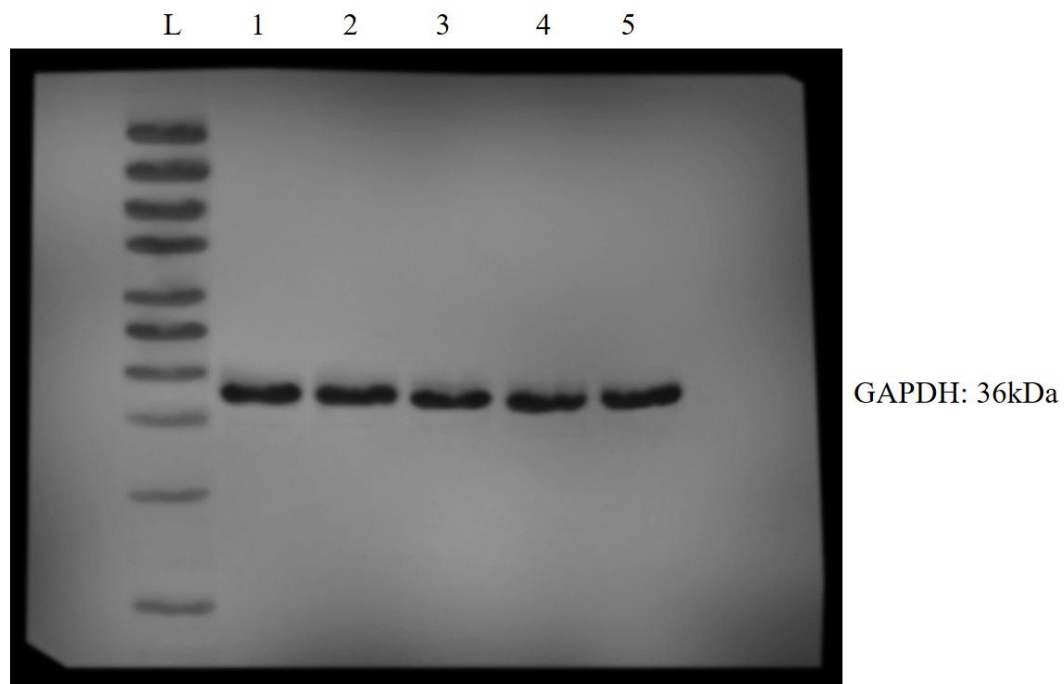
Uncropped Western blot images of NF- κ B pathway-related proteins (p-p65)



Uncropped Western blot images of NF- κ B pathway-related proteins (total p65)



Uncropped Western blot image of internal reference protein GAPDH



L. indicates the ladder;

1. Control chondrocytes (Ctrl);
2. Chondrocytes treated with IL-1 β +miR-576-5p negative control (IL-1 β +miR-NC);
3. Chondrocytes treated with IL-1 β + miR-576-5p mimic (IL-1 β +miR-mimic);
4. Chondrocytes treated with IL-1 + miR-576-5p mimic + KLF10 negative control (IL-1 β +miR+oe-NC);
5. Chondrocytes treated with IL-1 β + miR-576-5p mimic + KLF10 overexpression (IL-1 β +miR+oe-KLF10)