Depletion of EREG enhances the osteo/dentinogenic differentiation ability of dental pulp stem cells via p38 MAPK and Erk pathway in inflammatory microenvironment

Running head: EREG inhibits osteo/dentinogenic differentiation of DPSC

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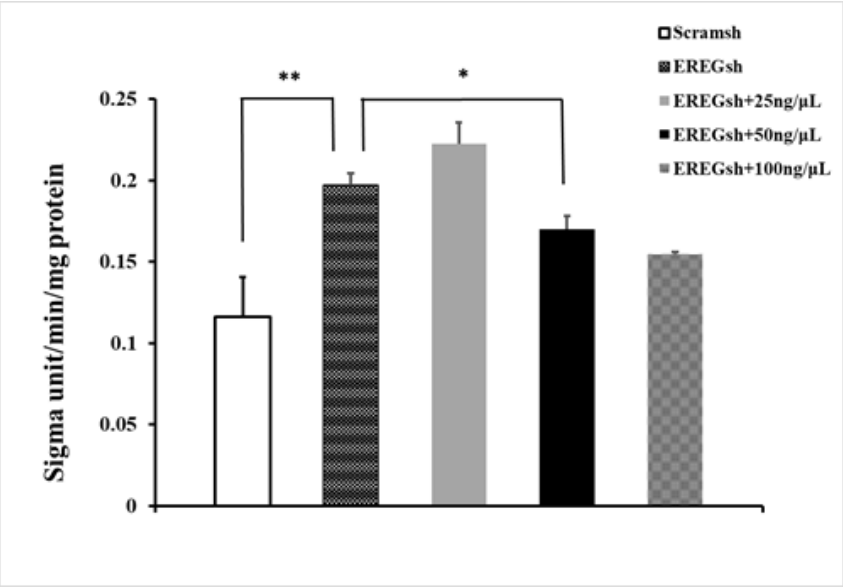
Scramsh
EREGsh
EREGsh+25ng/μL
EREGsh+50ng/μL
EREGsh+100ng/μL
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*
Sigma unit/min/mg protein
0.25
0.2
0.15
0.1
0.05
0

Figure 1

Figure 2

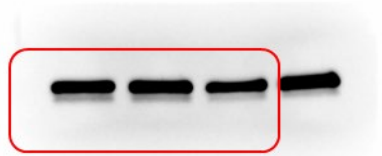


Figure3(B)-p-Erk

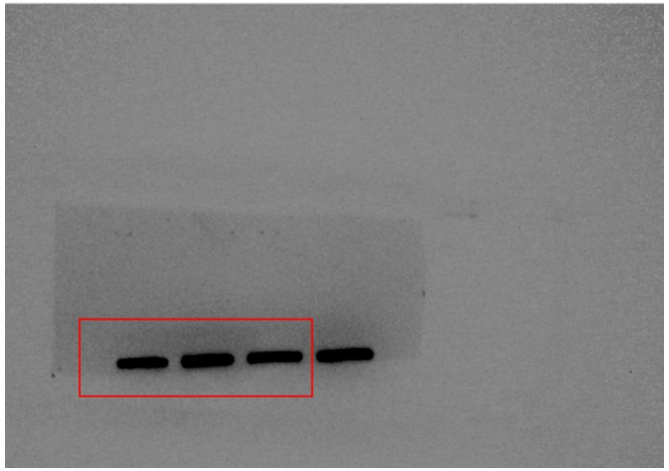
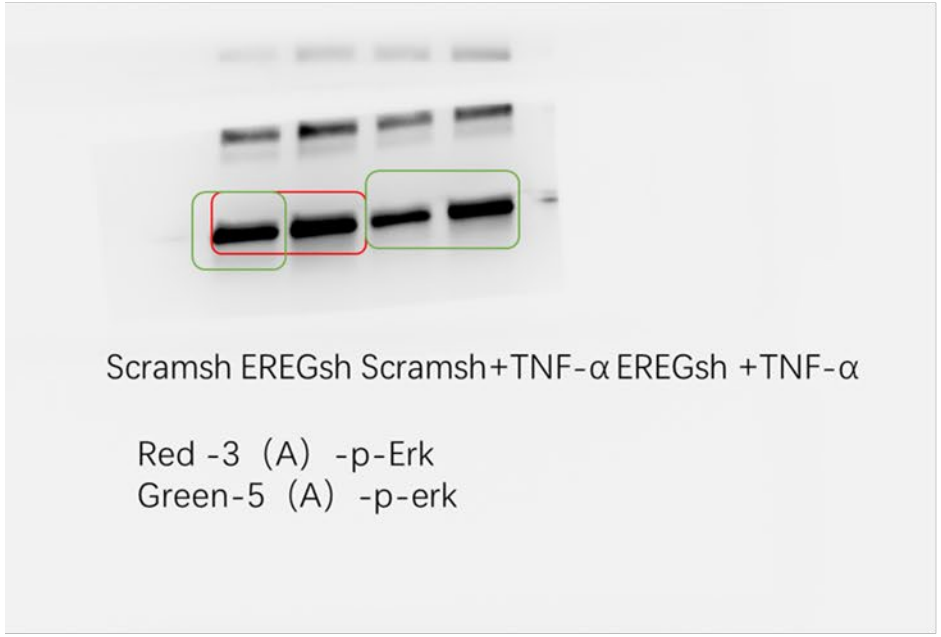


Figure3(B)-p-p38



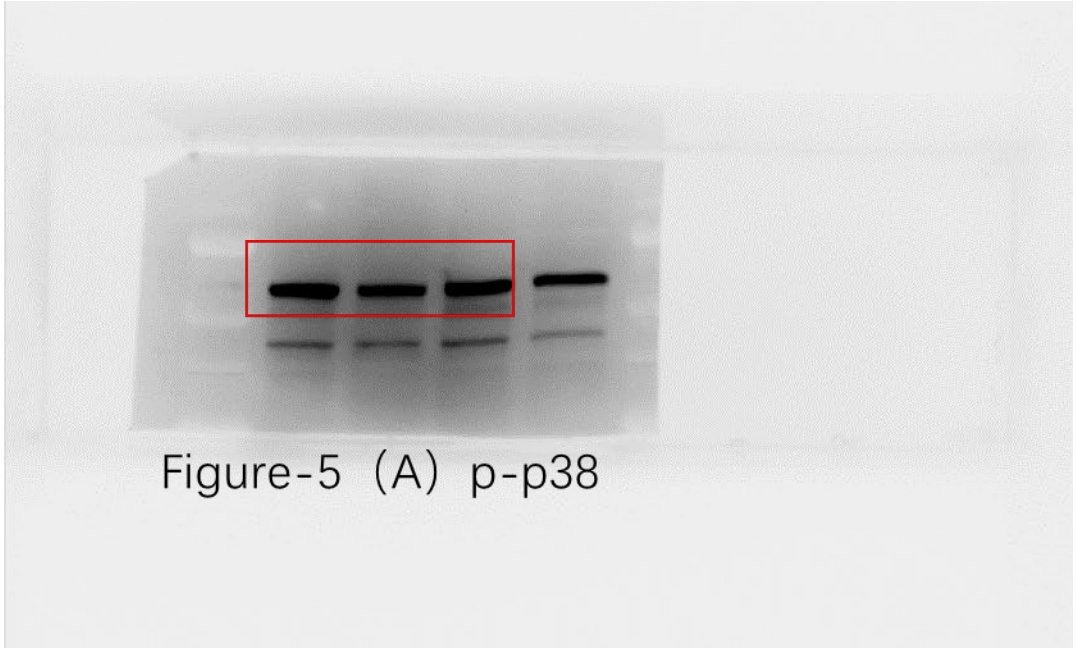


Figure-5 （A） p-p38