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Mouse FGF-2/bFGF Recombinant Protein (85-406)

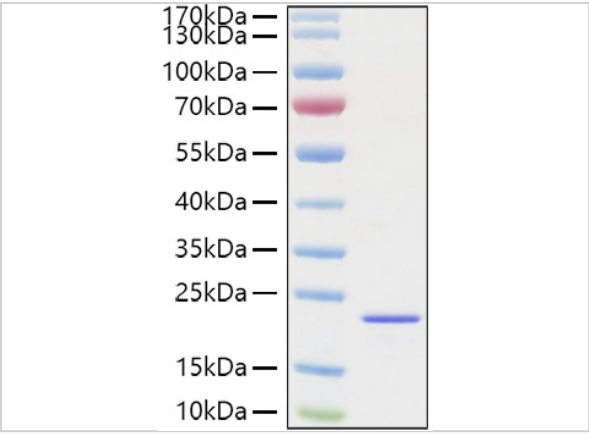
CATALOG NUMBER: 85-406

Specifications

Species	Mouse
Source Species	E. coli
Fusion Tag	C-His
Tested Applications	Bioactivity Test, ELISA, Immunogen, SDS-PAGE, WB
Predicted Molecular Weight	17.06 kDa
Biological Activity	Active Recombinant Mouse FGF2 was added during DP cell culture. The immunofluorescence identification showed that 1 ng/mL FGF2 could maintain the cellular characteristics of DP cells. The red part is the fluorescently labeled PDFGRA antibody, and the blue-cyan part is the DAPI-stained cells.

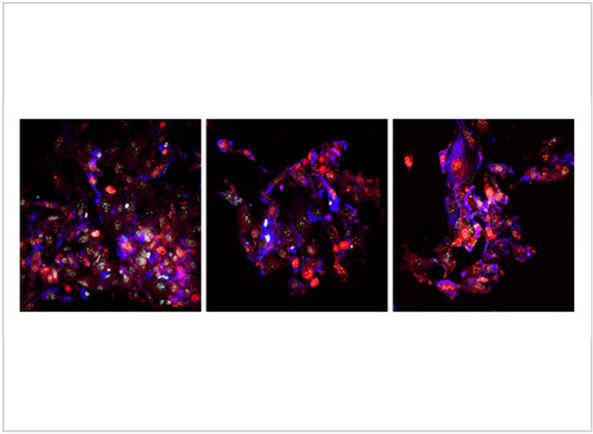
Properties

Purity	≥ 95 % as determined by SDS-PAGE.
Physical State	Lyophilized
Buffer	Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.
Storage Conditions	Store at -20°C.Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.



85-406_1

Recombinant Mouse FGF-2/bFGF Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.



85-406_2

Measured in a cell proliferation assay using Balb3T3 mouse fibroblast cells. The ED_{50} for this effect is 0.065-0.262 ng/mL, corresponding to a specific activity of 3.82×10^{6}~1....

Disclaimer

Disclaimer	Products are intended for laboratory research purposes only and should be used by qualified personnel only. They are not intended for use in humans. ProSci is not liable for damages or injuries resulting from receipt and/or use of ProSci materials. Please refer to the Material Safety Data Sheet (MSDS) for safe storage, handling, and use procedures.