

Native Mouse Fibronectin

Cat. No. Fn1-5424M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native mouse Fn1 was expressed in Mouse Plasma.
Species	Mouse
Source	Mouse Plasma
Description	Fn1 is a high-molecular weight glycoprotein of the extracellular matrix that binds to membrane-spanning receptor proteins called integrins. In addition to integrins, Fn1 also binds extracellular matrix components such as collagen, fibrin and heparan sulfate proteoglycans.
Form	Frozen liquid in 0.1M Tris-HCl + 0.15 M NaCl, pH 7.4.
Molecular Mass	220kDa
Endotoxin	< 0.1 ng/μg of protein >
Purity	≥95% by SDS-PAGE analysis
Applications	Tissue culture studies and protein-protein interactions
Storage	Store at -80°C. Stable for 3 years from delivery. Avoid repeated freeze-thaw cycles.
Concentration	1.0 mg/ml

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Reconstitution

Thaw the fibronectin by placing the vial in a 37°C water bath and leaving it undisturbed until completely thawed. Do not disturb the vial at any time during the thawing process. If the vial is disturbed or removed prior to complete thawing, the Fn1 will form a gel and be unusable. Mix very gently with pipette after thawing. Do not vortex or handle with excess agitation.

GENE INFORMATION

Gene Name [Fn1 fibronectin 1 \[Mus musculus \]](#)

Official Symbol Fn1

Synonyms FN1; fibronectin 1; fibronectin; Fn; Fn-1; E330027I09; MGC117493;

Gene ID [14268](#)

mRNA Refseq [NM_010233](#)

Protein Refseq [NP_034363](#)

Pathway

Amoebiasis, organism-specific biosystem; Amoebiasis, conserved biosystem; Bacterial invasion of epithelial cells, organism-specific biosystem; Bacterial invasion of epithelial cells, conserved biosystem; Cell surface interactions at the vascular wall, organism-specific biosystem; ECM-receptor interaction, organism-specific biosystem; ECM-receptor interaction, conserved biosystem;

Function

mercury ion binding; peptidase activator activity; protease binding; protein binding;

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