

Native Rat Fibronectin Protein

Cat. No. Fibronectin-13R **Lot. No.** (See product label)

SPECIFICATION

Species	Rat
Source	Rat Plasma
ProteinLength	Full Length
Description	<p>Enables mercury ion binding activity and protease binding activity. Involved in several processes, including cellular response to growth factor stimulus; cellular response to mercury ion; and cellular response to peptide. Located in basement membrane and extracellular space. Used to study diabetic angiopathy; hypertension; and renovascular hypertension. Biomarker of several diseases, including artery disease (multiple); calcium oxalate nephrolithiasis; iron deficiency anemia; membranoproliferative glomerulonephritis; and ureteral obstruction. Human ortholog(s) of this gene implicated in calcium oxalate nephrolithiasis; membranoproliferative glomerulonephritis; and spondylometaphyseal dysplasia corner fracture type. Orthologous to human FN1 (fibronectin 1).</p>
Form	Sterile Filtered White lyophilized (freeze-dried) powder.
Solubility	Purified Rat fibronectin has a tendency to form insoluble aggregates upon reconstitution.
Purity	Greater than 95.0 % as determined by SDS-PAGE.
Note	For Research Use Only. Not for use in diagnostic procedures.

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Storage Lyophilized Rat Fibronectin although stable at room temperature for 1 week, should be stored desiccated below -18 centigrade. Upon reconstitution Fibronectin should be stored at 4 centigrade between 2-7 days and for future use below -18 centigrade.

Storage Buffer The Rat Fibronectin was lyophilized from a concentrated 1 mg/mL solution containing 20mM Tris Cl pH-7.5.

GENE INFORMATION

Gene Name Fn1 fibronectin 1 [*Rattus norvegicus*]

Official Symbol Fn1

Synonyms FN1; fibronectin 1; fibronectin; FN; fn-1; FIBNEC;

Gene ID 25661

mRNA Refseq NM_019143

Protein Refseq NP_062016

UniProt ID P04937

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