Recombinant Human FN1 Protein, GST tagged

Cat. No. FN1-109H **Lot. No.** (See product label)

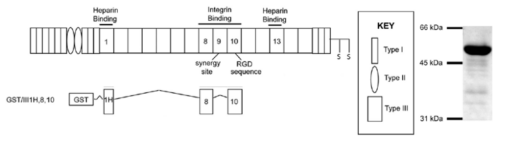
SPECIFICATION

Product Overview	Recombinant Human Fibronectin III 1H, 8, 10; amino acids I597-T673 joined to A1235-T1325 and V1416-T1509 by a GS linker (*GS*). Human protein expressed in E. coli DH5 alpha carrying the cloned gene.
Species	Human
Source	E.coli
Description	Fibronectins (FN) are a family of high molecular weight, multidomain glycoproteins composed of two structurally similar subunits which are joined at the carboxyl terminus by disulfide bonds. The primary structure of FN is organized into three types of repeating homologous units, termed types I, II, and III. These modules in turn are organized into functional domains which have been shown to contain multiple binding sites, including those for sulfated glycosaminoglycans, gelatin, fibrin, and cell surface integrin receptors. Twelve type I modules are found grouped at the amino- and carboxyl-terminal regions, and two type II modules are l centigradeated within the gelatin-binding region. Fifteen to seventeen type III modules are contained within the middle of the molecule and comprise 60% of fibronectin's sequence.
Form	Solution in PBS
Molecular Mass	57177 Da
AASequence	IQWNAPQPSHISKYILRWRPKNSVGRWKEATIPGHLNSYTIKGLKPGVVYEGQLISIQ QYGHQEVTRFDFTTTSTST*GS*AVPPPTDLRFTNIGPDTMRVTWAPPPSIDLTNFLV

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	RYSPVKNEEDVAELSISPSDNAVVLTNLLPGTEYVVSVSSVYEQHESTPLRGRQKTV SDVPRDLEVVAATPTSLLISWDAPAVTVRYYRITYGETGGNSPVQEFTVPGSKSTATI SGLKPGVDYTITVYAVTGRGDSPASSKPISINYRT
Purity	> 85-90% by SDS-PAGE
Storage	Store at -80 centigrade.
Concentration	3.4 mg/mL

GENE INFORMATION

Synonyms	Fibronectins; FN
SDS-PAGE	 Recombinant Human Fibronectin III 1H,8,10 (Left) Schematic representation of a fibronectin subunit and recombinant fibronectin fusion protein. FNIII1H is the heparin-binding, C-terminal fragment of FNIII1. In (Right), aliquots (5 µg) of recombinant protein was electrophoresed on a 10% SDS-polyacrylamide gel and stained with Coomassie Blue. Molecular mass markers are shown on left.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA