Biotinylated Human Fibronectin (32-345) Protein (Primary Amine Labeling)

Cat. No. FIN-HM101B

Description

Source	Recombinant Biotinylated Human Fibronectin (32-345) Protein (Primary Amine Labeling) is expressed from HEK293 with His tag at the C-terminus.
	It contains Gln32-Thr345.
Accession	P02751-1
Molecular Weight	The protein has a predicted MW of 35.93 kDa. Due to glycosylation, the protein migrates to 40-55 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1 EU per μg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE
	> 90% as determined by HPLC

Formulation and Storage

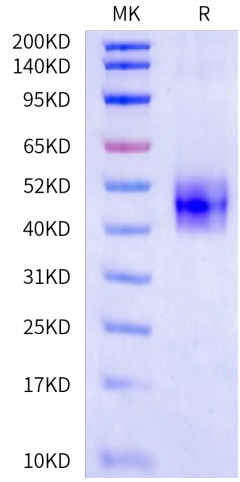
Formulation	Lyophilized from 0.22 μm filtered solution in PBS, 200mM L-arginine (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Dissolve the lyophilized protein in distilled water. Please refer to the Certificate of Analysis for detailed instructions.
Storage	-20 to -80°C for 12 months as supplied from date of receipt.-80°C for 3 months after reconstitution.Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background

Fibronectin is a high molecular glycoprotein present in the blood, connective tissue and at cell surface. It is synthesized by many types of differentiated cells and is believed to be involved in the attachment of cells to the surrounding extracellular matrix. Fibronectin has affinity to the other main components of extracellular matrix, collagen and glycosaminoglycans.

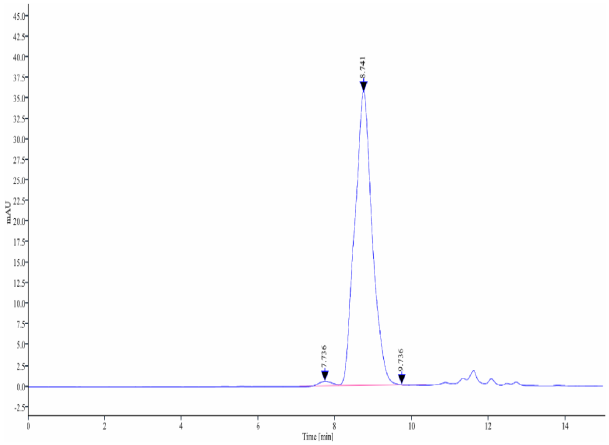
Assay Data

Bis-Tris PAGE



Biotinylated Human Fibronectin (32-345) on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

SEC-HPLC



The purity of Biotinylated Human Fibronectin (32-345) is greater than 90% as determined by SEC-HPLC.

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