

Fibronectin fragment

Cat. No. GNE-HE001

Description

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|-------------------------|--|
| Source | Recombinant Fibronectin Fragment is expressed from E.coli without tag. It contains Pro1361-Ser1637 and Ala1812-Thr2107. |
| Accession | P02751-15 |
| Molecular Weight | The protein has a predicted MW of 62.61 kDa same as Bis-Tris PAGE result. |
| Endotoxin | Less than 1 EU per µg by the LAL method. |
| Purity | > 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC |

Formulation and Storage

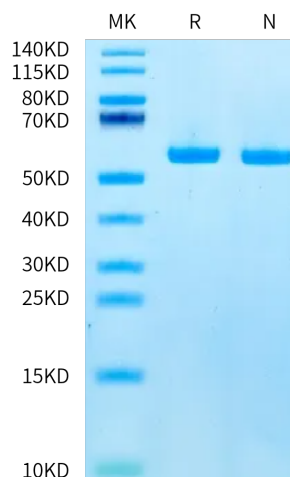
| | |
|--------------------|--|
| Formulation | Supplied as 0.22 µm filtered solution in 12.5 mM sodium citrate, 1.25 % sucrose (pH 6.2). |
| Storage | Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize 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.

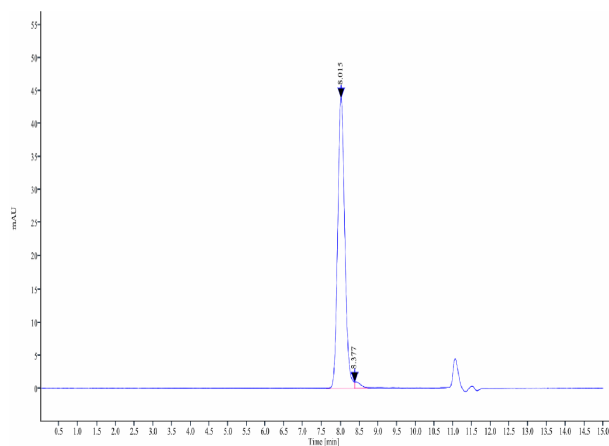
Assay Data

Bis-Tris PAGE



Fibronectin fragment on Bis-Tris PAGE under reduced (R) condition and Non reduced (N) condition. The purity is greater than 95%.

SEC-HPLC



The purity of Fibronectin fragment is greater than 95% as determined by SEC-HPLC.