

## PRODUCT INFORMATION

|   |  |
|---|--|
| <b>Target</b>                           | FN1  |
| <b>Synonyms</b>                         | FN;CIG   |
| <b>Description</b>                      | Recombinant human FN1 Protein with C-terminal 6×His tag  |
| <b>Delivery</b>                         | In Stock   |
| <b>Uniprot ID</b>                       | P02751   |
| <b>Expression Host</b>                  | HEK293   |
| <b>Tag</b>                              | C-6×His Tag  |
| <b>Molecular Characterization</b>       | FN1(Gln32-Glu2477) 6×His tag   |
| <b>Molecular Weight</b>                 | The protein has a predicted molecular mass of 270.1 kDa after removal of the signal peptide.   |
| <b>Purity</b>                           | The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.   |
| <b>Formulation &amp; Reconstitution</b> | Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.   |
| <b>Storage&amp;Shipping</b>             | Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.  |
| <b>Background</b>                       | This gene encodes fibronectin, a glycoprotein present in a soluble dimeric form in plasma, and in a dimeric or multimeric form at the cell surface and in extracellular matrix. The encoded preproprotein is proteolytically processed to generate the mature protein. Fibronectin is involved in cell adhesion and migration processes including embryogenesis, wound healing, blood coagulation, host defense, and metastasis. The gene has three regions subject to alternative splicing, with the potential to produce 20 different transcript variants, at least one of which encodes an isoform that undergoes proteolytic processing. The full-length nature of some variants has not been determined. [provided by RefSeq, Jan 2016] |
| <b>Usage</b>                            | Research use only  |
| <b>Conjugate</b>                        | Unconjugated   |



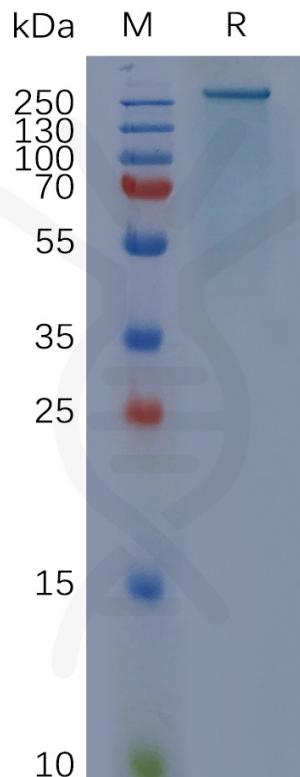


Figure 1. Human FN1, His Tag on SDS-PAGE under reducing condition.

