PRODUCT INFORMATION

Target	FN1
Synonyms	FN;CIG
Description	Recombinant human FN1 Protein with C-terminal 6×His tag
Delivery	In Stock
Uniprot ID	P02751
Expression Host	HEK293
Tag	C-6×His Tag
Molecular Characterization	FN1(Gln32-Glu2477) 6×His tag
Molecular Weight	The protein has a predicted molecular mass of 270.1 kDa after removal of the signal peptide.
Purity	The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	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.
Storage&Shipping	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.
Background	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]
Usage	Research use only
Conjugate	Unconjugated

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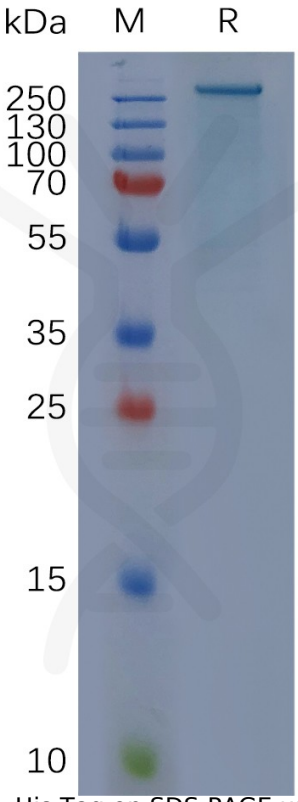


Figure 1. Human FN1, His Tag on SDS-PAGE under reducing condition.

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