

Fibronectin Recombinant Protein | FN recombinant protein

Recombinant Fibronectin (FN)

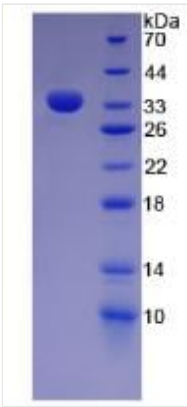
CATALOG # AAA144041	HOST Host: E ColiSource: Prokaryotic expression	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
-------------------------------	---	---

PRODUCT SYNONYMS

Fibronectin; Recombinant Fibronectin (FN); FN recombinant protein

PRODUCT SPECIFICATIONS

Host	Host: E Coli Source: Prokaryotic expression
Purity/Purification	>95%
Form/Format	Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.05% sarcosyl.
Concentration	5.9 (varies by lot)
Sequence	Thetargetp roteinisfu sedwithN-t erminalHis -Tag,itsse quenceisli stedbelow. MGHHH HHHSGSEF-G VVYSVGMQWL KTQGNKQMLC TCLGNGVSCQ ETAVTQTYGG NSNGEPCVLP FTYNGRTFYS CTTEGRQDGH LWCSTTSNYE QDQKYSFCTD HTVLVQTRGG NSNGALCHFP FLYNNHNYTD CTSEGRRDNM KWC GTTQNYD ADQKFGFCPM AAHEEICTTN EGVMYRIGDQ WDKQHDMGHM MRCTCVGNR GEWTCIAYSQ LRDQCIVDDI TYNVNDTFHK RHEEGHMLNC TCFGQGRGRW KCDPVDQCQD SETGTFYQIG DSWEKYVHGV RYQCYCYGRG IGEWHCQLQ TYP S
Sequence Length	2481
Applicable Applications for FN recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Predicted Molecular Mass	35.2kDa
Accurate Molecular Mass (KD)	17/34kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Expression System	Prokaryotic expression
Tag	N-terminal His-Tag
Organism Species	Homo sapiens (Human)
Fragment	Gly313~Ser607
Usage	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the targetprotein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation andprecipitation were observed. The loss of this protein is less than 5% within the expiration date under appropriate storage condition.



GVVYSVGM QWLKTQGNKQ MLCTCLNGV SCQETAVTQT
YGGNSNGEPC VLPFTYNGRT FYSCCTEGRO DGHLWCSTTS NYEQDQKYSF
CTDHTVLVQT RGGNSNGALC HFPLYNNHN YTDCTSEGRR DNMKWCCTQ
NYDADQKFGF CPMAAHEEIC TTNEGVMYRI GDQWDKQHDH GHMMRCTCVG
NGRGEWTCIA YSQLRDQCIV DDITYNVNDT FHKRHEEGHM LNCTCFGQGR
GRWKCDPVDQ CQDSETGTFY QIGDSWEKYV HGVRYQCYCY GRGIGEWHCQ
PLQTPYS

Sequence

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	148237139
NCBI GeneID	397744
NCBI Accession #	NP_001081270.1
NCBI GenBank Nucleotide #	NM_001087801.1
Molecular Weight	272,680 Da
NCBI Official Full Name	fibronectin
NCBI Official Synonym Full Names	fibronectin 1<
NCBI Official Symbol	fn1
NCBI Official Synonym Symbols	fibronectin
NCBI Protein Information	fibronectin
UniProt Protein Name	Fibronectin
UniProt Gene Name	fn1
UniProt Synonym Gene Names	FN
UniProt Entry Name	FINC_XENLA

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.