

Recombinant Human FN1 Protein

Catalog #	Source	Reactivity	Applications
CRP1577	E. coli	Human	E, WB, SDS-PAGE, MS

Description Recombinant Human FN1 Protein is produced by our E. coli expression system and the target gene encoding Pro1270-Ser1546&Ala1721-Thr2016 is expressed.

Form Lyophilized from a 0.2 µM filtered solution of PBS, pH 7.4.

Gene Symbol FN1

Alternative Names FN; Fibronectin; FN; Cold-insoluble globulin; CIG

Entrez Gene 2335 (Human)

SwissProt P02751 (Human)

Purity Greater than 95% as determined by reducing SDS-PAGE.

Chemical Structure MPTDLRFTNI GPDTMRVTWA PPPSIDLTNF LVRYSVKNE EDVAELSISP SDNAVVLTNL
 LPGTEYVVS SVVYEQHEST PLRGRQKTGL DSPTGIDFSD ITANSFTVHW IAPRATITGY
 RIRHHPEHFS GRPREDRVPH SRNSITLTNL TPGTEYVVS VALNGREESP LLIGQQSTVS
 DVPRDLEVVA ATPTSLLISW DAPAVTVRYY RITYGETGGN SPVQEFTVPG SKSTATISGL
 KPGVDYTITV YAVTGRGDSP ASSKPISINY RTEIDKPSMA IPAPTDLKFT QVTPTSLSAQ
 WTPPNVQLTG YRVRVTPKEK TGPMKEINLA PDSSSVVSG LMVATKYEVS VYALKDTLTS
 RPAQGVVTTL ENVSPRRAR VTDATETTIT ISWRKTETI TGFQVDAVPA NGQTPIQRTI
 KPDVRSYTIT GLQPGTDYKI YLYTLNDNAR SSPVVIDAST AIDAPSNLRF LATT PNSLLV
 SWQPPRARIT GYIIKYEKPG SPPREVVPRP RPGVTEATIT GLEPGTEYTI YVIALKNNQK
 SEPLIGRKKT DELPQLVTL P HPNLHGPEIL DVPST

Quality Control Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.

Directions for Use Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

COHESION BIOSCIENCES LIMITED

WEB
www.cohesionbio.com

ORDER
order@cohesionbio.com

SUPPORT
techsupport@cohesionbio.com

CUSTOM
custom@cohesionbio.com

Product Data Sheet

lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Storage/Stability

Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

COHESION BIOSCIENCES LIMITED

WEB

www.cohesionbio.com

ORDER

order@cohesionbio.com

SUPPORT

techsupport@cohesionbio.com

CUSTOM

custom@cohesionbio.com