

Active Recombinant Human Fibronectin Protein, 1358aa-2301aa, C-His tagged

Cat. No. FN1-10H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FN1 Protein (1358aa-2301aa) with C-His tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	1358aa-2301aa
Description	Fibronectin is utilized in T cell culture as a substrate to enhance adhesion, proliferation, and activation of T cells. By mimicking the extracellular matrix, fibronectin promotes T cell attachment and facilitates signaling pathways crucial for T cell function and survival. This application is vital for studying T cell biology, immunotherapy development, and understanding immune responses in various diseases.
Form	Liquid
Bio-activity	T-cell proliferation and activation activity
AA Sequence	VPPPTDLRFTNIGPDTMRVTWAPPPSIDLTNFLVRYSPAKNEEDVAELSISPSDNAVV LTNLLPGTEYVVS SVSSVYEQHESTPLRGRQKTGLDSPTGIDFSDITANSFTVHWIAPR ATITGYRIRHHPEHFSGRPREDRVPHSRNSITLTNLTGTEYVVSIVALNGREESPLLI GQQSTVSDVPRDLEVVAATPTSL LISWDAPAVTVRYRITYGETGGNSPVQEFTVPG

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SKSTATISGLKPGVDYTITVYAVTGRGDSPASSKPISINYRTEILVQTAVTTIPAPTDLK
 FTQVTPTSLSAQWTPPNVQLTGYRVRVTPKEKTGPMKEINLAPDSSSVVVSGLMVA
 TKYEVSVYALKDTLTSRPAQGVVTTLENVSPRRARVTDATETTITISWRTKTETITG
 FQVDAVPANGQTPIQRTIKPDVRSYTITGLQPGTDYKIYLYTLNDNARSSPVVIDASTA
 IDAPSNLRFLATTPNSLLVSWQPPRARITGYIKEYEKGSPPREVVPRPRPGVTEATIT
 GLEPGTEYTIYVIALKNNQKSEPLIGRKKTGQEALSQTTISWAPFQDTSEYIISCHPVG
 TDEEPLQFRVPGTSTSATLTGLTRGATYNIIVEALKDQQRHKVREEVTVGNSVNEG
 LNQPTDDSCFDPYGGGGSHHHHHHHHHH*

Endotoxin	≤ 0.25 EU/mg by the LAL method
Purity	> 95% determined by SDS-PAGE (Reduced)
Storage Buffer	12.5 mM sodium citrate (pH 6.2) and 1.25% sucrose

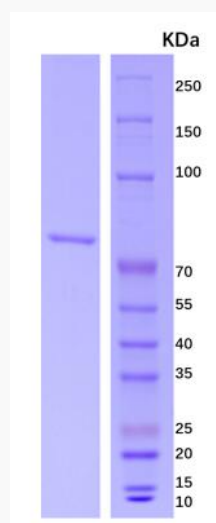
GENE INFORMATION

Gene Name	FN1 fibronectin 1 [Homo sapiens (human)]
Official Symbol	FN1
Synonyms	FN1; fibronectin 1; fibronectin; CIG; cold insoluble globulin; FINC; GFND2; LETS; migration stimulating factor; MSF; cold-insoluble globulin; migration-stimulating factor; FN; FNZ; ED-B; GFND; DKFZp686H0342; DKFZp686I1370; DKFZp686F10164; DKFZp686O13149
Gene ID	2335
mRNA Refseq	NM_002026
Protein Refseq	NP_002017

MIM 135600

UniProt ID P02751

SDS-PAGE



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