



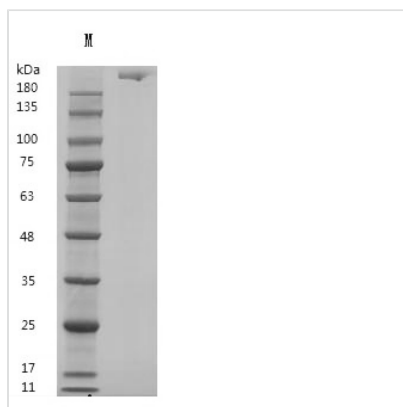
# Recombinant Human Fibronectin (FN1)?Partial (Active)

|                            |  |
|----------------------------|--|
| <b>Product Code</b>        | CSB-MP008759HU-WD1   |
| <b>Abbreviation</b>        | Recombinant Human FN1 protein, partial (Active)  |
| <b>Storage</b>             | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.  |
| <b>Uniprot No.</b>         | P02751   |
| <b>Form</b>                | Lyophilized  |
| <b>Storage Buffer</b>      | Lyophilized from a 0.2 μm filtered solution containing PBS,5% mannitoland 0.01% Tween 80, pH7.4  |
| <b>Product Type</b>        | Recombinant Protein  |
| <b>Immunogen Species</b>   | Homo sapiens (Human)   |
| <b>Biological Activity</b> | Measured by the ability of the immobilized protein to support the adhesion of NIH3T3 mouse embryonic fibroblast cells. The ED50 for this effect is 35.0-420 ng/mL.   |
| <b>Purity</b>              | ≥ 95% as determined by SDS-PAGE.   |
| <b>Sequence</b>            | <p>QAQQMVQPQSPVAVSQSKPGCYDNGKHYQINQQWERTYLGNALVCTCYGG<br/> SRGFNCESKPEAEETCFDKYTGNTYRVGDYERPKDSMIWDCTCIGAGRRI<br/> SCTIANRCHEGGQSYKIGDTWRRPHETGGYMLECVCLGNGKGEWTKPIAEK<br/> CFDHAAGTSYVVGETWEKPYQGMMVDDCTCLGEGSGRITCTSRNRCNDQD<br/> TRTSYRIGDTWSKKDNRGNLLQCICTGNRGEWK CERHTSVQTTSSGSGPFT<br/> DVRAAVYQPQPHPQPPPYGHCVTD SGVVYSVGMQWLKTQGNKQMLCTCLG<br/> NGVSCQETA VTQTYGGNSNGEPCVLPFTYNGRTFYSC TTEGRQDGH LW CST<br/> TSNYEQDQKYSFCTDHTVLVQTRGGNSNGALCHFPFLYNNHNYTDCTSEGR<br/> RDNMKWCGTTQNYDADQKFGFCPMAAHEEICTTNEGVMYRIGDQWDKQHD<br/> MGHMMRCTCVGNRGEWTCIAYSQLRDQCIVDDITYNVNDTFHKRHEEGHM<br/> LNCTCFGQGRGRWKCDPVDQCQDSETGTFYQIGDSWEKYVHGVRVYQCYCY<br/> GRGIGEWHCQPLQTYPSSSGPVEVFITETPSQPN SHPIQWNAPQPSHISKYIL<br/> RWRPKNSVGRWKEATIPGHLNSYTIKGLKPGVVYEGQLISIQQYGHQEVTRFD<br/> FTTTSTSTPVT SNTVTGETT PFSPLVATSESVTEITASSFVVSWSASDTVSGF<br/> RVEYELSEEGDEPQYLDLPSTATSVNIPDLLPGRKYIVNVYQISEDGEQSLILST<br/> SQT TAPDAPPD TTVDQVDDTSIVVRWSRPQAPITGYRIVYSPSVEGSSTELNLP<br/> ETANSVTLSDLQPGVQYNITIYAVEENQESTPVVIQETTGT PRSDTVPSRDL<br/> QFVEVTDVKVTIMWTPPE SAVTGYRVDVIPVNLPGEHGQRLPISRNTFAEVTG<br/> LSPGV TYYFKVFAVSHGRESKPLTAQQTTKLDAPT NLQFVNETDSTVLVRWTP<br/> PRAQITGYRLTVGLTRRGQPRQYNVGPSVSKYPLRNLQPASEYTVSLVAIKGN<br/> QESPKATGVFTTLQPGSSIPPYNT EVTETTIVITWTPAPRIGFKLGVRPSQGGE<br/> APREVTSDSGSIVVSGLT PGVEYVYTIQVLRDQGERDAPIVNKVVTPLSPPTNL<br/> HLEANPDTGVLT VSWERSTTPDITGYRITTTPTNGQQGNSLEEVVHADQSSCT</p> |



FDNLSPGLEYNVSVYTVKDDKESVPISDTIPEVPQLTDLSFVDITDSSIGLRWT  
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 ESAPTTLTQQTAVPPPTDLRFTNIGPDTMRVTWAPPPSIDLTNFLVRYSPVKNE  
 EDVAELSISPSDNAVVLTNLLPGTEYVVS SVSSVYEQHESTPLRGRQKTGLDSP  
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 KNGPGPTKTKTAGPDQTEMTIEGLQPTVEYVVSVAQNPSPGESQPLVQTAVT  
 NIDRPKGLAFTDVDVDSIKIAWESPQQQVSRYRVTYSSPEDGIHELFPAPDGEE  
 DTAELQGLRPGSEYTVSVVALHDDMESQPLIGTQSTAIPAPTDLKFTQVTPTSL  
 SAQWTPPNVQLTGYRVRVTPKEKTGPMKEINLAPDSSSVVVSGLMVATKYEV  
 SVYALKDTLTSRPAQGVVTTLENVSP

|                          |   |
|--------------------------|---|
| <b>Source</b>            | Mammalian cell  |
| <b>Target Names</b>      | Fibronectin   |
| <b>Expression Region</b> | 32-1908aa   |
| <b>Notes</b>             | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. |
| <b>Tag Info</b>          | Tag free  |
| <b>Mol. Weight</b>       | 206.0 kDa   |
| <b>Protein Length</b>    | Partial   |

**Image**


(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

|                       |   |
|-----------------------|---|
| <b>Endotoxin</b>      | ≤10 EU/mg by the LAL method   |
| <b>Reconstitution</b> | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference. |
| <b>Shelf Life</b>     | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.   |