



# Recombinant Human Fibulin-1 (FBLN1)

<b>Product Code</b>	CSB-BP008452HU
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P23142
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	<p>D VLLEACCADG HRMATHQKDC SLPYATESKE CRMVQEQCCH            SQLEELHCAT GISLANEQDR CATPHGDNAS LEATFVKRCC HCCLLGRAAQ            AQQQSCEYSL MVGYQCGQVF QACCVKSQET GDLDVGGGLQE TDKIIEVEEEE            QEDPYLNDRC RGGGPCKQQC RDTGDEVVCS CFVGYQLLSD            GVSCEDVNEC ITGSHSCRLG ESCINTVGSF RCQRDSSCGT GYELTEDNSC            KDIDECESGI HNCLPDFICQ NTLGSFRCRP KLQCKSGFIQ DALGNCIDIN            ECLSISAPCP IGHTCINTEG SYTCQKNVPN CGRGYHLNEE GTRCVDVDEC            APPAEPGKKG HRCVNSPGSF RCECKTGYYF DGISRMCVDV            NECQRYPGRL CGHKCENTLG SYLCSCSVGF RLSVDGRSCE DINECSSSPC            SQECANVYGS YQCYCRRGYQ LSDVDGVTCE DIDEALPTG GHICSYRCIN            IPGSFQCSCP SSGYRLAPNG RNCQDIDECV TGIHNCSINE TCFNIQGGFR            CLAFCEPENY RRSATLQQE KTDTVRCIKS CRPNDVTCVF DPVHTISHTV            ISLPTFREFT RPEEIIFLRA ITPHPASQA NIIFDITEGN LRDSFDIIKR            YMDGMTVGVV RQVRPIVGPF HAVLKLEMNY VVGGVVSHRN VVNVHIFVSE            YWF</p>
<b>Source</b>	Baculovirus
<b>Target Names</b>	FBLN1
<b>Protein Names</b>	Recommended name: Fibulin-1 Short name= FIBL-1
<b>Expression Region</b>	30-703
<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 type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Target Details</b>	Fibulin 1 is a secreted glycoprotein that becomes incorporated into a fibrillar extracellular matrix. Calcium-binding is apparently required to mediate its binding to laminin and nidogen. It mediates platelet adhesion via binding fibrinogen. Four splice variants which differ in the 3 end have been identified. Each variant encodes a different isoform, but no functional distinctions have been identified among the four variants.
<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.

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**Shelf Life**

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.