

Fibulin 1 (FBLN1) Recombinant Protein | FBLN1 recombinant protein

Recombinant Fibulin 1 (FBLN1)

CATALOG # AAA134178	HOST E.coli	REACTIVITY Mus musculus (Mouse)	APPLICATIONS Western Blot, SDS-Page
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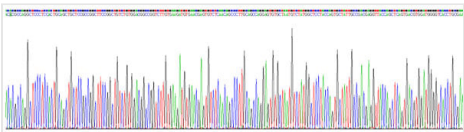
PRODUCT SYNONYMS

Fibulin 1 (FBLN1); Recombinant Fibulin 1 (FBLN1); FBLN1 recombinant protein

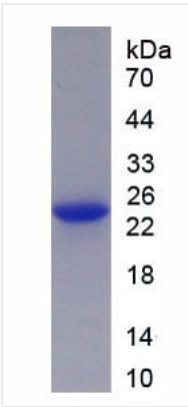
PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Mus musculus (Mouse)
Purity/Purification	> 97%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% skl, 5%Trehalose.
Concentration	Original Concentration: 400ug/mL (varies by lot)
Applicable Applications for FBLN1 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Cys399~Arg578
Tags	N-terminal His Tag
Subcellular Location	Secreted
Traits	Freeze-dried powder
Predicted isoelectric point	5.8
Phenomenon explanation	The possible reasons that the actual band size differs from the predicted are as follows: 1.Splice variants: Alternative splicing may create different sized proteins from the same gene. 2. Relative charge: The composition of amino acids may affects the charge of the protein. 3. Post-translational modification: Phosphorylation, glycosylation, methylation etc. 4. Post-translation cleavage: Many proteins are synthesized as pro-proteins, and then cleaved to give the active form. 5. Polymerization of the target protein: Dimerization, multimerization etc.
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
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. 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 and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition

IMAGES



Gene Sequencing
Gene Sequencing (extract)



SDS-PAGE

CV

DINECQRYPG RLCGHKCENT PGSFHCSCSA GFRLSVDGRS CEDVNECLNS
PCSQECANVY GSYQCYCRRG YQLSDVDGVT CEDIDECALP TGGHICSYRC
INIPGSFQCS CPSSGYRLAP NGRNCQDIDE CVTGIHNCSI NETCFNIQGS
FRCLSFECPE NYRRSADTFR QEKTDTVR

Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	168693628
NCBI GeneID	14114
NCBI Accession #	NP_034310.2
NCBI GenBank Nucleotide #	NM_010180.2
UniProt Accession #	Q08879; Q08878; Q8C3B1; Q91ZC9; Q922K8
Molecular Weight	Predicted Molecular Mass: 21.3kDa Accurate Molecular Mass: 25kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	fibulin-1
NCBI Official Synonym Full Names	fibulin 1
NCBI Official Symbol	Fbln1
NCBI Protein Information	fibulin-1; BM-90; FIBL-1; basement-membrane protein 90; BM-90/fibulin extracellular matrix glycoprotein
UniProt Protein Name	Fibulin-1
UniProt Gene Name	Fbln1
UniProt Synonym Gene Names	FIBL-1; BM-90
UniProt Entry Name	FBLN1_MOUSE

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.