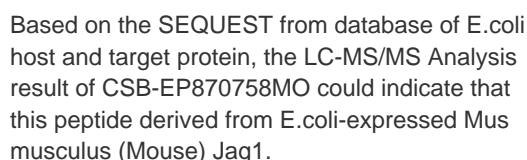
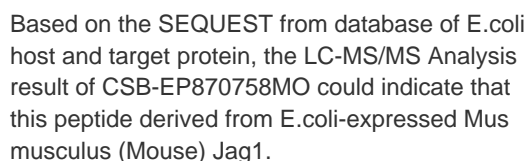
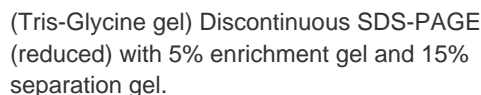




Recombinant Mouse Protein jagged-1 (Jag1), partial

Product Code	CSB-EP870758MO
Relevance	Ligand for multiple Notch receptors and involved in the mediation of Notch signaling. May be involved in cell-fate decisions during hematopoiesis. Seems to be involved in early and late stages of mammalian cardiovascular development. Inhibits myoblast differentiation. May regulate fibroblast growth factor-induced angiogenesis.
Abbreviation	Recombinant Mouse Jag1 protein, partial
Storage	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.
Uniprot No.	Q9QXX0
Alias	CD_antigen: CD339
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	GQFELEILSMQNVNGELQNGNCCGGVRNPGDRKCTRDECPTYFKVCLKEYQ SRVTAGGPCSFGSGSTPVIGGNTFNLKASRGNDRNRIVLPFSFAWPRSYTLLV EAWDSSNDTIQPDSEIEKASHSGMINPSRQWQTLKQNTGIAHFEYQIRVTCDDH YYGFGCNKFCRPRDDFFGHYACDQNGNKTCMEGWMPDCNKAICRQGCSP KHGSKLPGDCRCQYGWQGLYCDKICPHPGCVHGTCEPWPQCLCETNWGG QLCDKDLNYCGTHQPCLNRGTCSENTGPDKYQCSCPEGYSGPNCE
Research Area	Cardiovascular
Source	E.coli
Target Names	Jag1
Expression Region	33-334aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 10xHis-SUMO-tagged and C-terminal Myc-tagged
Mol. Weight	53.6kDa
Protein Length	Partial
Image	



The expression region of this recombinant Mouse Jag1 covers amino acids 33-334. The expected molecular weight for the Jag1 protein is calculated to be 53.6 kDa. The Jag1 protein was expressed in e.coli. The N-terminal 10xHis-SUMO tag and C-terminal Myc tag was fused into the coding gene segment of Jag1, making it easier to detect and purify the Jag1 recombinant protein in the later stages of expression and purification.

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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