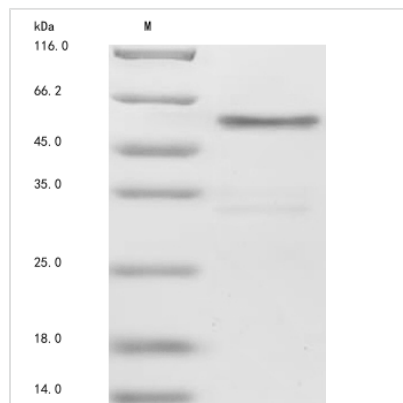




Recombinant Human Protein jagged-1 (JAG1), partial

Product Code	CSB-MP011927HUh6
Abbreviation	Recombinant Human 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.	P78504
Form	Liquid or Lyophilized powder
Storage Buffer	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose.
Product Type	Recombinant Proteins
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 85% as determined by SDS-PAGE.
Sequence	VTCDYYGFGCNKFCRPRDDFFGHYACDQNGNKTCTMEGWMGPECNRAIC RQGCSPKHGSKLPGDCRCQYGWQGLYCDKCIPHPGCVHGICNEPWQCLC ETNWGGQLCDKDLNYCGTHQPCLNGGTCSNTGPDKYQCSCPEGYS GPNCE
Research Area	Cardiovascular
Source	Mammalian cell
Target Names	JAG1
Expression Region	185-334aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	C-terminal hFc1-Myc-tagged
Mol. Weight	46.8 kDa
Protein Length	Partial
Image	



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

Description

Explore the world of cardiovascular research with our precision-engineered Recombinant Human Protein Jagged-1 (JAG1). JAG1 is a ligand for the Notch receptor family and plays a vital role in various biological processes, such as cell fate determination, angiogenesis, and vascular development. Its involvement in cardiovascular diseases makes it a key target for scientific investigations.

Our Recombinant Human JAG1 protein is produced in a mammalian cell system to ensure proper folding and post-translational modifications. The protein consists of a partial sequence (185-334aa) and features a C-terminal FC-Myc tag, facilitating easy purification and detection. With a purity of greater than 85% as determined by SDS-PAGE, our JAG1 protein offers consistent results for a wide range of applications. Available in both liquid and lyophilized powder forms, our Recombinant Human JAG1 protein is designed to meet the diverse needs of your cardiovascular research endeavors.

Reconstitution

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.

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.