



Recombinant Bovine Secreted frizzled-related protein 1 (SFRP1)

Product Code	CSB-MP021138BO
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O19116
Product Type	Recombinant Protein
Immunogen Species	Bos taurus (Bovine)
Purity	>85% (SDS-PAGE)
Sequence	SEYDY VSFQSDIGAY QSGRFYTKPP QCVDIPADLR LCHNVGYKRM VLPNLLHEHET MAEVKQQASS WVPLLKNCH IGTQVFLCSL FAPVCLDRPI YPCRWLCEAV RDSCEPVMQF FGFYWPEMLK CDKFPEGDVC IAMTPPNATE ASKPQGTTVC PPCDNEKSE AIIHLCASE FALRMKIKEV KKENGDKKIV PKKKKPLKLG PIKKKELKKL VLYLKNAGDC PCHQLDNLSH HFLIMGRKVK SQYLLTAIHK WDKKNKEFKT FMKKMKNHEC PTFQSVFK
Source	Mammalian cell
Target Names	SFRP1
Protein Names	Recommended name: Secreted frizzled-related protein 1 Short name= sFRP-1 Alternative name(s): Frizzled in aorta protein Short name= FrZA protein
Expression Region	26-308
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	This gene encodes a member of the SFRP family that contains a cysteine-rich domain homologous to the putative Wnt-binding site of Frizzled proteins. Members of this family act as soluble modulators of Wnt signaling; epigenetic silencing of SFRP genes leads to deregulated activation of the Wnt-pathway which is associated with cancer. This gene may also be involved in determining the polarity of photoreceptor cells in the retina.
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.