



Recombinant Bovine Secreted frizzled-related protein 1 (SFRP1)

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| Product Code | CSB-EP021138BO-B |
| 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 ASKPQGTTCV PPCDNEKSE AIIHLCASE FALRMKIKEV KKENGDKKIV PKKKKPLKLG PIKKKELKKL VLYLKNAGDC PCHQLDNLISH HFLIMGRKVK SQYLLTAIHK WDKKNKEFKT FMKKMKNHEC PTFQSVFK |
| Source | E.coli |
| 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. |