



# Recombinant Rat Secreted frizzled-related protein 4 (Sfrp4)

<b>Product Code</b>	CSB-EP021140RA-B
<b>Abbreviation</b>	Sfrp4
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q9JLS4
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Rattus norvegicus (Rat)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	VR GAPCEAVRIP MCRHMPWNIT RMPNHLHHST QENAILAIEQ YEELVDVNCS SVLRFFLCAM YAPICTLEFL HDPIKPCKSV CQRARDDCEP LMKMYNHSWP ESLACDELPV YDRGVCISPE AIVTDLPELV KWIDITPDMM VQERSFDADC KHLSPDRCKC KVKPTLATY LSKNYSYVIH AKIKAVQRSG CNEVTTVVDV KEIFKSSSPI PRTQVPLITN SSCQCPHILP HQDVLIMCYE RRSRMMLLEN CLVEKWRDQL SRRSTQWEER LQEQQRTTQD KKQIASRTSR SNPPKPKGRS PASKPAPKK NIKARSAPKK SNPCKSTS
<b>Source</b>	E.coli
<b>Target Names</b>	Sfrp4
<b>Protein Names</b>	Recommended name: Secreted frizzled-related protein 4 Short name= sFRP-4 Alternative name(s): DDC-4 protein
<b>Expression Region</b>	19-348
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Target Details</b>	Secreted frizzled-related protein 4 (SFRP4) is a member of the SFRP family that contains a cysteine-rich domain homologous to the putative Wnt-binding site of Frizzled proteins. SFRPs act as soluble modulators of Wnt signaling. The expression of SFRP4 in ventricular myocardium correlates with apoptosis related gene expression.
<b>Reconstitution</b>	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

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