



# Recombinant Human Secreted frizzled-related protein 5 (SFRP5)

<b>Product Code</b>	CSB-EP021141HU-B
<b>Abbreviation</b>	SFRP5
<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>	Q5T4F7
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	E EYDYYGWQAE PLHGRSYSKP PQCLDIPADL PLCHTVGYKR MRLPNLLEHE SLAEVKQQAS SWLPLLAKRC HSQTQVFLCS LFAPVCLDRP IYPCRSLEA VRAGCAPLME AYGFPEPEML HCHKFPLDND LCIQVQFGHL PATAPPVTKI CAQCEMEHSA DGLMEQMCSS DFVVKMRIKE IKIENGDRKL IGAQQKKKLL KPGPLKRKDT KRLVLHMKNG AGCPCQLDS LAGSFLVMGR KVDGQLLLMA VYRWDKKNKE MKFAVKFMFS YPCSLYPPFF YGAAEPH
<b>Source</b>	E.coli
<b>Target Names</b>	SFRP5
<b>Protein Names</b>	Recommended name: Secreted frizzled-related protein 5 Short name= sFRP-5 Alternative name(s): Frizzled-related protein 1b Short name= FRP-1b Secreted apoptosis-related protein 3 Short name= SARP-3
<b>Expression Region</b>	30-317
<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 5 (SFRP5) 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. SFRP5 and SFRP1 may be involved in determining the polarity of photoreceptor cells in the retina. SFRP5 is highly expressed in the retinal pigment epithelium, and moderately expressed in the pancreas.
<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.

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**Shelf Life**

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