

Human CellExp SFRP1/SARP2, human recombinant protein
SFRP1, FRP, FRP1, SARP2, FrzA
Catalog # PBV11079r**Specification**

Human CellExp SFRP1/SARP2, human recombinant protein - Product infoPrimary Accession
Calculated MW[Q8N474](#)

This protein is fused with 6×His tag at the C-terminus, has a calculated MW of 33.4 kDa. The predicted N-terminus is Ser 32. DTT-reduced Protein migrates as 38 kDa due to glycosylation. KDa

Human CellExp SFRP1/SARP2, human recombinant protein - Additional InfoGene ID
Gene Symbol
Other Names
SFRP1, FRP, FRP1, SARP2, FrzA6422
SFRP1Gene Source
Source
Assay&Purity
Assay2&Purity2
Recombinant
Results

Human
HEK293 cells
SDS-PAGE; ≥92%
N/A;
Yes
Measured by its ability to inhibit proliferation of HeLa human cervical epithelial carcinoma cells. The ED50 for this effect is typically 2.5 - 10 µg/ml.

Target/Specificity
SFRP1/SARP2**Application Notes**

Centrifuge the vial prior to opening. Reconstitute in sterile PBS, pH 7.4 to a concentration of 50 µg/ml. Do not vortex. This solution can be stored at 2-8°C for up to 1 month. For extended storage, it is recommended to store at -20°C.

Format
Lyophilized**Storage**

-20°C; Lyophilized from 0.22 µm filtered solution in PBS, pH 7.4. Normally Mannitol or Trehalose is added as protectants before lyophilization.

Human CellExp SFRP1/SARP2, human recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Human CellExp SFRP1/SARP2, human recombinant protein - Images

Human CellExp SFRP1/SARP2, human recombinant protein - Background

Secreted frizzled-related protein 1 (SFRP1) also known as Secreted apoptosis-related protein 2 (SARP2), FRP, FRP1, 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 Secreted frizzled-related protein (SFRP) family consists of five secreted glycoproteins in humans (SFRP1, SFRP2, SFRP3, SFRP4, SFRP5) that act as extracellular signaling ligands. SFRP1 / SARP-2 is widely expressed and absent from lung, liver and peripheral blood leukocytes, and with the highest levels in heart and fetal kidney. SARP2 / SFRP-1 is a 35 kDa prototypical member of the SFRP family. SARP2 / FRP-1 acts as a biphasic modulator of Wnt signaling, counteracting Wnt-induced effects at high concentrations and promoting them at lower concentrations.

Human CellExp SFRP1/SARP2, human recombinant protein - References

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