

Datasheet for ABIN7275578

**SFRP1 Protein (AA 32-314) (His tag)****1** Image[Go to Product page](#)

## Overview

|                               |  |
|-------------------------------|--|
| Quantity:                     | 100 µg                                       |
| Target:                       | SFRP1  |
| Protein Characteristics:      | AA 32-314                                    |
| Origin:                       | Human  |
| Source:                       | HEK-293 Cells                                |
| Protein Type:                 | Recombinant                                  |
| Purification tag / Conjugate: | This SFRP1 protein is labelled with His tag. |

## Product Details

|                  |  |
|------------------|--|
| Purpose:         | Human SFRP1/SARP2 Protein  |
| Sequence:        | Ser32-Lys314   |
| Characteristics: | Recombinant Human SFRP1/SARP2 Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Ser32-Lys314. |
| Purity:          | > 95 % as determined by Tris-Bis PAGE  |
| Sterility:       | 0.22 µm filtered   |
| Endotoxin Level: | Less than 1EU per µg by the LAL method.  |

## Target Details

|                   |  |
|-------------------|--|
| Target:           | SFRP1                                    |
| Alternative Name: | SFRP1 ( <a href="#">SFRP1 Products</a> ) |

## Target Details

|                   |   |
|-------------------|---|
| Background:       | Secreted frizzled-related protein 1 (SFRP1) is a gene that belongs to the secreted glycoprotein SFRP family. SFRP1 has been classified as a tumor suppressor gene due to the loss of expression in various human cancers, which is mainly attributed by epigenetic inactivation via DNA methylation or transcriptional silencing by microRNAs.  |
| Molecular Weight: | 33.63 kDa. Due to glycosylation, the protein migrates to 43-48 kDa based on Tris-Bis PAGE result.   |
| UniProt:          | <a href="#">Q8N474</a>  |
| Pathways:         | <a href="#">WNT Signaling</a> , <a href="#">Intracellular Steroid Hormone Receptor Signaling Pathway</a> , <a href="#">Negative Regulation of Hormone Secretion</a> , <a href="#">Regulation of Intracellular Steroid Hormone Receptor Signaling</a> , <a href="#">Stem Cell Maintenance</a> , <a href="#">Tube Formation</a> , <a href="#">Positive Regulation of fat Cell Differentiation</a> |

## Application Details

|               |                       |
|---------------|-----------------------|
| Restrictions: | For Research Use only |
|---------------|-----------------------|

## Handling

|                  |  |
|------------------|--|
| Format:          | Lyophilized  |
| Reconstitution:  | Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.   |
| Buffer:          | Lyophilized from 0.22µm filtered solution in PBS ( pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.   |
| Storage:         | -20 °C,-80 °C  |
| Storage Comment: | -20 to -80°C for 12 months as supplied from date of receipt.,-80°C for 3-6 months after reconstitution.,2-8°C for 2-7 days after reconstitution.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles. |
| Expiry Date:     | 12 months  |



SDS-PAGE

**Image 1.** Human SFRP1 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .