

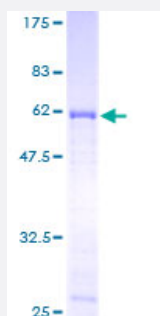
Full-Length

## SFRP1 (Human) Recombinant Protein (P01)

Catalog # H00006422-P01

Size 25 ug, 10 ug

### Applications



### Specification

#### Product Description

Human SFRP1 full-length ORF ( AAH36503, 1 a.a. - 314 a.a.) recombinant protein with GST-tag at N-terminal.

#### Sequence

MGIGRSEGGRRGAALGVLLALGAALLAVGSASEYDYVSFQSDIGPYQSGRFYTKPPQCVDIPADL  
RLCHNVGYKKMVLPNLLEHETMAEVKQQASSRVPLLNKNCHAGTQVFLCSLFAPVCLDRPIPC  
RWLCEAVRDSCEPVMQFFGFYWPEMLKCDKFPEGDVCIAMTPPNATEASKPQGTTVCPPCDN  
ELKSEAIIHLCASEFALRMKIKEVKKENGDKKVPKKKKPLKLGPIKKKDLKKLVLYLKNGADCPC  
HQLDNLSHHFLIMGRKVKSQYLLTAHKWDKKNKEFKNFMKKMKMKNHECPTFQSVFK

#### Host

Wheat Germ (in vitro)

#### Theoretical MW (kDa)

60.28

#### Interspecies Antigen Sequence

Mouse (95); Rat (93)

#### Preparation Method

[in vitro wheat germ expression system](#)

#### Purification

Glutathione Sepharose 4 Fast Flow

#### Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

#### Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

**Storage Instruction**

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

**Note**

Best use within three months from the date of receipt of this protein.

## Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

## Gene Info — SFRP1

**Entrez GeneID**[6422](#)**GeneBank Accession#**[BC036503](#)**Protein Accession#**[AAH36503](#)**Gene Name**

SFRP1

**Gene Alias**

FRP, FRP-1, FRP1, FrzA, SARP2

**Gene Description**

secreted frizzled-related protein 1

**Omim ID**[604156](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

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. [provided by RefSeq]

**Other Designations**

secreted apoptosis-related protein 2

## Pathway

- [Wnt signaling pathway](#)

## Disease

- [Asthma](#)
- [Bronchial Hyperreactivity](#)
- [Osteoporosis](#)