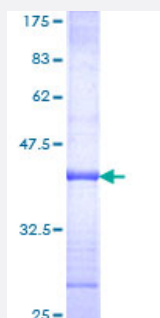


SFRP4 (Human) Recombinant Protein (Q01)

Catalog # H00006424-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human SFRP4 partial ORF (NP_003005.1, 211 a.a. - 312 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	CNEVTTVVDVKEIFKSSSPIRTQVPLITNSSCQCPHILPHQDVLIMCYEWRSRMMLLENCLVEKW RDQLSKRSIQWEERLQEQRRTVQDKKKTAGRTSRSN
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.96
Interspecies Antigen Sequence	Mouse (91)
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 — SFRP4

Entrez GeneID [6424](#)

GeneBank Accession# [NM_003014.2](#)

Protein Accession# [NP_003005.1](#)

Gene Name SFRP4

Gene Alias FRP-4, FRPHE, MGC26498

Gene Description secreted frizzled-related protein 4

Omim ID [606570](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations secreted frizzled-related protein 4|secreted frizzled-related protein 4; secreted frizzled-related protein 4

Publication Reference

- [Loss of secreted frizzled-related protein 4 correlates with an aggressive phenotype and predicts poor outcome in ovarian cancer patients.](#)

Jacob F, Ukegjini K, Nixdorf S, Ford CE, Olivier J, Caduff R, Scurry JP, Guertler R, Hornung D, Mueller R, Fink DA, Hacker NF, Heinzelmann-Schwarz VA.

PLoS One 2012 Feb; 7(2):e31885.

Application: ELISA, Human, As a standard

Pathway

- [Wnt signaling pathway](#)

Disease

- [Carcinoma](#)
- [Colorectal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Neoplasms](#)
- [Osteoporosis](#)