

# Human SFRP2 Protein

Cat. No. SRP-HM102

## Description

<b>Source</b>	Recombinant Human SFRP2 Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Leu25-Cys295.
<b>Accession</b>	Q96HF1
<b>Molecular Weight</b>	The protein has a predicted MW of 32.4 kDa. Due to glycosylation, the protein migrates to 34-38 kDa based on Tris-Bis PAGE result.
<b>Endotoxin</b>	Less than 1EU per $\mu\text{g}$ by the LAL method.
<b>Purity</b>	> 95% as determined by Tris-Bis PAGE

## Formulation and Storage

<b>Formulation</b>	Supplied as 0.22 $\mu\text{m}$ filtered solution in 20mM PB, 500mM NaCl (pH 7.4).
<b>Storage</b>	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

## Background

As biomarkers, DNA methylation is used to detect colorectal cancer (CRC) and make assessment of CRC prognosis. The published findings showed the association between the methylation of SFRP1, SFRP2, and WIF1, located in the Wnt signaling pathway, and the prognosis of CRC were not consistent. SFRP1, SFRP2, and WIF1 were frequently hypermethylated in CRC tumor tissues. It was apparent that the promoter hypermethylation of SFRP2 and co-hypermethylation of SFRP1 and SFRP2 might be considered as independent prognostic predictors for survival advantage of postoperative CRC patients.

## Assay Data

### Tris-Bis PAGE



Human SFRP2 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.