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SFRP1 Protein (AA 32-314) (His tag)





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

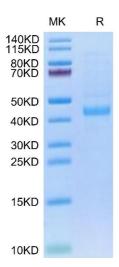
Target:	SFRP1
Alternative Name:	SFRP1 (SFRP1 Products)

Target Details

Expiry Date:

12 months

rarget 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:	Q8N474
Pathways:	WNT Signaling, Intracellular Steroid Hormone Receptor Signaling Pathway, Negative Regulation of Hormone Secretion, Regulation of Intracellular Steroid Hormone Receptor Signaling, Stem Cell Maintenance, Tube Formation, Positive Regulation of fat Cell Differentiation
Application Details	
Restrictions:	For Research Use only
Handling	
Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 μ g/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from $0.22\mu m$ 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.



SDS-PAGE

 $\pmb{\text{Image 1.}}$ Human SFRP1 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .