Human SFRP1/SARP2 Protein

Cat. No. SFP-HM101

Description

Source	Recombinant Human SFRP1/SARP2 Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Ser32-Lys314.
Accession	Q8N474
Molecular Weight	The protein has a predicted MW of 33.63 kDa. Due to glycosylation, the protein migrates to 43-48 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1EU per μg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE

Formulation and Storage

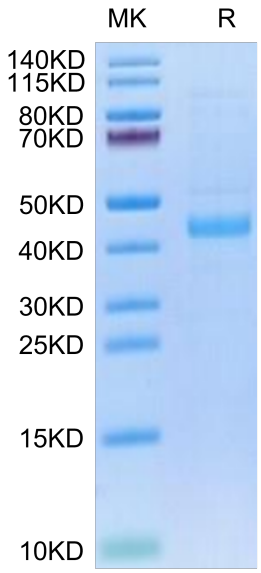
Formulation	Lyophilized from 0.22μm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 μg/ml is recommended. Dissolve the lyophilized protein in distilled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

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.

Assay Data

Bis-Tris PAGE



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