

# Product Information

## **MemDX™ Membrane Protein Human SFRP1 (Secreted frizzled related protein 1) for Antibody Discovery**

Cat. No.: **MP0025Q**

This product is for research use only and is not intended for diagnostic use.

This product is a 31.1 kDa Human SFRP1 membrane protein expressed in HeLa. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

### Product Specifications

#### **Host Species**

Human

#### **Target Protein**

SFRP1

#### **Protein Length**

Partial

#### **Protein Class**

Adult stem cells, Cancer stem cells, Druggable Genome, ES Cell Differentiation/IPS, Secreted Protein, Stem cell relevant signaling - Wnt Signaling pathway, Transmembrane

#### **Molecular Weight**

31.1 kDa

#### **Sequence**

SEYDYVSFQSDIGPYQSGRFYTKPPQCVDIPADLRLCHNVGYKKMVLPNLLEHETMAEVKQQASSWVPLLKNKNCHAGTQVFLCSL

### Product Description

#### **Expression Systems**

HeLa

#### **Tag**

Tag Free

#### **Form**

Powder

#### **Endotoxin**

< 1 EU/μg

#### **Purity**

>95% as determined by SDS-PAGE and Coomassie blue staining

**Buffer**

0.2 µM filtered solution of 20mM phosphate buffer, 100mM NaCl, pH 7.2

**Storage**

Store at +4°C for up to one week or several months at -80°C

**Target****Target Protein**

SFRP1

**Full Name**

Secreted frizzled related protein 1

**Introduction**

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.

**Alternative Names**

FRP; FRP-1; FRP1; FrzA; SARP2; secreted frizzled-related protein 1; SARP-2; frizzled-related protein; sFRP-1; secreted apoptosis-related protein 2

**Gene ID**

[6422](#)

**UniProt ID**

[Q8N474](#)