

www.abclonal.com

ABclonal

# **Recombinant Human MFAP4 Protein**

Catalog No.: RP02746 Recombinant

### **Sequence Information**

Species Gene ID Swiss Prot Human 4239 P55083-1

Tags

N-His&Flag

**Synonyms** 

Microfibril-associated glycoprotein 4∏Mfap4

### **Product Information**

**Source** Purification HEK293 cells ≥ 95 % as

determined by Tris-Bis PAGE.

Calculated MW Observed MW

28.6 kDa 38-45 kDa

**Endotoxin** 

< 1 EU/µg of the protein by LAL method.

#### **Formulation**

#### Reconstitution

Centrifuge the tube before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

### Contact

<u>a</u>	400-999-6126
$\bowtie$	cn.market@abclonal.com.cn
•	www.abclonal.com.cn

### **Background**

Microfibril-associated glycoprotein 4 (MFAP4) is an extracellular matrix protein belonging to the fibrinogen-related protein superfamily. MFAP4 is produced by vascular smooth muscle cells and is highly enriched in the blood vessels of the heart and lung, where it is thought to contribute to the structure and function of elastic fibers. Genetic studies in humans have implicated MFAP4 in the pathogenesis of Smith-Magenis syndrome, in which patients present with multiple congenital abnormalities and mental retardation, as well as in the severe cardiac malformation left-sided congenital heart disease.

### **Basic Information**

#### Description

Recombinant Human MFAP4 Protein is expressed from Expi293 with His tag and Flag tag at the N-terminal.  $\square$ It contains Val22-Ala255.

### **Bio-Activity**

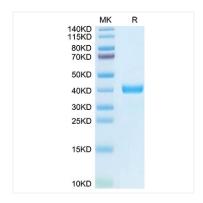
#### Storage

Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.

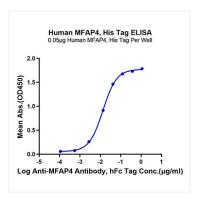
After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

## **Validation Data**



Recombinant Human MFAP4 Protein was determined by Tris-Bis PAGE under reducing conditions.



Immobilized Human MFAP4, His Tag at  $0.5\mu g/ml$  (100 $\mu$ l/well) on the plate. Dose response curve for Anti-MFAP4 Antibody, hFc Tag with the EC $_{50}$  of 13.4ng/ml determined by ELISA.