

MFAP4 Protein, Cynomolgus (HEK293, His)

Cat. No.:	HY-P700873
Synonyms:	Microfibril-associated glycoprotein 4; Mfap4
Species:	Cynomolgus
Source:	HEK293
Accession:	A0A2K5TQS8 (V60-A293)
Gene ID:	/
Molecular Weight:	35-40 kDa

PROPERTIES

Biological Activity	Immobilized Cynomolgus MFAP4, His Tag at 1µg/ml (100µl/Well) on the plate. Dose response curve for Anti-MFAP4 Antibody, hFc Tag with the EC ₅₀ of 7.8ng/ml determined by ELISA.
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4. Normally 8% trehalose is added as protectant before lyophilization.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	MFAP4 is part of the microfibril-associated glycoprotein (MFAP) family and is involved in cell adhesion, cell-cell interactions, and the assembly and/or maintenance of elastic fibers. MFAP4 deficiency alleviates renal fibrosis by inhibiting NF-κB and TGF-β/Smad signaling pathways. MFAP4 can promote the migration and proliferation of vascular smooth muscle and accelerate the formation of new intima. MFAP4 could also serve as a novel biomarker for the development of human cancer therapies ^{[1][2][3]} .
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Caution: Product has not been fully validated for medical applications. For research use only.

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