

For Research Use Only

Recombinant Human MFAP5 protein (rFc Tag)



Catalog Number: Eg8764

Basic Information	Species: Human	Purity: >90 %, SDS-PAGE	Tag: rFc Tag
Technical Specifications	Purity: >90 %, SDS-PAGE Endotoxin Level: <0.1 EU/ µg protein, LAL method Source: HEK293-derived Human MFAP5 protein Ile22-Leu173 (Accession# Q13361-1) with a rabbit IgG Fc tag at the C-terminus. GeneID: 8076 Accession: Q13361-1 Predicted Molecular Mass: 42.9 kDa SDS-PAGE: kDa, reducing (R) conditions Formulation: Lyophilized from 0.22 µm filtered solution in PBS, pH 7.4. Normally 5% trehalose and 5% mannitol are added as protectants before lyophilization.		
Biological Activity	Not tested		
Storage and Shipping	Storage: It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. • Until expiry date, -20°C to -80°C as lyophilized proteins. • 3 months, -20°C to -80°C under sterile conditions after reconstitution. Shipping: The product is shipped at ambient temperature. Upon receipt, store it immediately at the recommended temperature.		
Reconstitution	Briefly centrifuge the tube before opening. Reconstitute at 0.1-0.5 mg/mL in sterile water.		
Background	MFAP5 (microfibril-associated protein 5), also known as MAGP-2, is a secreted extracellular matrix glycoprotein, not a membrane protein in the traditional sense. As a component of microfibrils, it is typically secreted into the extracellular space and assembles onto fibrillin-containing microfibrils, mediating cell-fibril adhesion through binding to integrin α V β 3. Its main functions include elastic fiber assembly, mediating cell signaling (such as the MAPK/ERK pathway), and regulating cell behavior in development and disease.		
References	1. Duan, Yi et al. Oncogene vol. 42,25 (2023): 2061-2073. 2. Li, Jian-Hui et al. Journal of experimental & clinical cancer research : CR vol. 38,1 476. 27 Nov. 2019 3. Li, Qingmei et al. Biochemical and biophysical research communications vol. 507,1-4 (2018): 51-58.		
Synonyms	MAGP 2, MAGP2, MAGP-2, MFAP 5, MFAP-5		

Selected Validation Data

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Purity of Recombinant Human MFAP5 was determined by SDS-PAGE. The protein was resolved in an SDS-PAGE in reducing (R) and non-reducing (NR) conditions and stained using Coomassie blue.

For technical support and original validation data for this product please contact

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