



Recombinant Human Microfibrillar-associated protein 5 (MFAP5)

Product Code	CSB-BP623799HU
Abbreviation	MFAP5
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q13361
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	IPLGVNSQR GDDVTQATPE TFTEDPNLVN DPATDETVLA VLADIAPSTD DLASLSEKNT TAECWDEKFT CTRLYSVHRP VKQCIHQLCF TSLRRMYIVN KEIC SRLVCK EHEAMKDEL C RQ MAGLPPRR LRRSNYFRLP PCENVDLQRP NGL
Source	Baculovirus
Target Names	MFAP5
Protein Names	Recommended name: Microfibrillar-associated protein 5 Short name= MFAP-5 Alternative name(s): MP25 Microfibril-associated glycoprotein 2 Short name= MAGP-2
Expression Region	22-173
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	This gene encodes a 25-kD microfibril-associated glycoprotein which is rich in serine and threonine residues. It lacks a hydrophobic carboxyl terminus and proline-, glutamine-, and tyrosine-rich regions, which are characteristics of a related 31-kDa microfibril-associated glycoprotein (MFAP2). The close similarity between these two proteins is confined to a central region of 60 aa where precise alignment of 7 cysteine residues occurs. The structural differences suggest that this encoded protein has some functions that are distinct from those of MFAP2.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final



concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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