



# Recombinant Human Microfibrillar-associated protein 5 (MFAP5)

<b>Product Code</b>	CSB-EP623799HU-B
<b>Abbreviation</b>	MFAP5
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q13361
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	IPLGVNSQR GDDVTQATPE TFTEDPNLVN DPATDETVLA VLADIAPSTD DLASLSEKNT TAECWDEKFT CTRLYSVHRP VKQCIHQLCF TSLRRMYIVN KEICSRVCK EHEAMKDELQ RQAGLPPRR LRRSNYFRLP PCENVDLQRP NGL
<b>Source</b>	E.coli
<b>Target Names</b>	MFAP5
<b>Protein Names</b>	Recommended name: Microfibrillar-associated protein 5 Short name= MFAP-5 Alternative name(s): MP25 Microfibril-associated glycoprotein 2 Short name= MAGP-2
<b>Expression Region</b>	22-173
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Target Details</b>	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.
<b>Reconstitution</b>	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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