

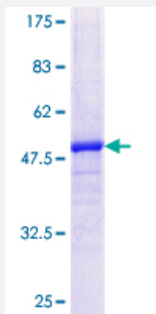
Full-Length

## MFAP5 (Human) Recombinant Protein (P01)

Catalog # H00008076-P01

Size 25 ug, 10 ug

### Applications



### Specification

<b>Product Description</b>	Human MFAP5 full-length ORF ( NP_003471.1, 1 a.a. - 173 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Sequence</b>	MSLLGPKVLLFLAAFIITSDWIPLGVNSQRGDDVTQATPETFTEDPNLVNDPATDETVLAVLADIAP STDDLASLSEKNTTAECDWEKFTCTRLYSVHRPVKQCIHQLCFTSLRRMYVNKEICSLVCKEHE AMKDELCRQMAGLPPRRLRRSNYFRLPPCENVDLQRPNGL
<b>Host</b>	Wheat Germ (in vitro)
<b>Theoretical MW (kDa)</b>	46
<b>Interspecies Antigen Sequence</b>	Mouse (77); Rat (78)
<b>Preparation Method</b>	<a href="#">in vitro wheat germ expression system</a>
<b>Purification</b>	Glutathione Sepharose 4 Fast Flow
<b>Quality Control Testing</b>	12.5% SDS-PAGE Stained with Coomassie Blue.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>Storage Instruction</b>	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

## Note

Best use within three months from the date of receipt of this protein.

## Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

## Gene Info — MFAP5

Entrez GeneID [8076](#)

GeneBank Accession# [NM\\_003480.2](#)

Protein Accession# [NP\\_003471.1](#)

Gene Name MFAP5

Gene Alias MAGP2, MP25

Gene Description microfibrillar associated protein 5

Omim ID [601103](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** 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. [provided by RefSeq]

**Other Designations** microfibril-associated glycoprotein 2|microfibril-associated glycoprotein-2