

## Active Recombinant Mouse Mfap5, His-tagged

Cat. No. Mfap5-316M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Mfap5 (Accession # AAH25131) Gln29-Leu164, fused with a C-terminal 6-His tag, was produced in Chinese Hamster Ovary cell line, CHO-derived.
<b>Species</b>	Mouse
<b>Source</b>	CHO
<b>ProteinLength</b>	29-164 a.a.
<b>Predicted N Terminal</b>	Gln29 predicted, sequencing might be blocked, no result obtained
<b>Form</b>	Lyophilized from a 0.2 µ filtered solution in PBS.
<b>Bio-activity</b>	Measured by the ability of the immobilized protein to support the adhesion of BUD-8 human fibroblast cells. When 2 x 10 <sup>4</sup> cells/well are added to Recombinant Mouse MAGP-2/MFAP5 coated plates (10 µg/mL with 100 µL/well), approximately 45 - 70% will adhere after 1 hour at 37 °C. Optimal dilutions should be determined by each laboratory for each application.
<b>Molecular Mass</b>	Recombinant Mouse Mfap5, His-tagged has a calculated MW of 16.5 kDa. In SDS-PAGE migrates as 22-30 kDa, reducing conditions.
<b>Purity</b>	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
<b>Storage</b>	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In

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lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

## GENE INFORMATION

<b>Gene Name</b>	Mfap5 microfibrillar associated protein 5 [ Mus musculus ]
<b>Official Symbol</b>	Mfap5
<b>Synonyms</b>	MFAP5; microfibrillar associated protein 5; microfibrillar-associated protein 5; MFAP-5; microfibril-associated glycoprotein 2; MAGP-2;
<b>Gene ID</b>	50530
<b>mRNA Refseq</b>	NM_015776
<b>Protein Refseq</b>	NP_056591

## MIM

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