Active Recombinant Mouse Mfap5, His-tagged

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

SPECIFICATION

Product Overview	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.
Species	Mouse
Source	CHO
ProteinLength	29-164 a.a.
Predicted N Terminal	Gln29 predicted, sequencing might be blocked, no result obtained
Form	Lyophilized from a 0.2 μm filtered solution in PBS.
Bio-activity	Measured by the ability of the immobilized protein to support the adhesion of BUD-8 human fibroblast cells.When 2 x 10^4 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 determinded by each laboratory for each application.
Molecular Mass	Recombinant Mouse Mfap5, His-tagged has a calculated MW of 16.5 kDa. In SDS-PAGE migrates as 22-30 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In

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

GENE INFORMATION

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

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