

# Recombinant Full Length Human MFAP3 Protein, GST-tagged

**Cat. No.** MFAP3-6189HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human MFAP3 full-length ORF ( NP_005918.1, 1 a.a. - 362 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                                                      |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Source</b>           | In Vitro Cell Free System                                                                                                                                                                                                                                                                                                                                                                          |
| <b>ProteinLength</b>    | 362 amino acids                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Description</b>      | MFAP3 (Microfibril Associated Protein 3) is a Protein Coding gene. Among its related pathways are Elastic fibre formation and Degradation of the extracellular matrix. An important paralog of this gene is MFAP3L.                                                                                                                                                                                |
| <b>Molecular Mass</b>   | 66.6 kDa                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>AA Sequence</b>      | MKLHCCLFTLVASIIVPAAFVLEDVDFDQMVSLANRSSYNASFPSSFELSASSHSDD<br>DVIIAKEGTSVSIECLLTASHYEDVHWHNSKGQQLDGRSRGGKWLVSDFNLNITNVA<br>FDDRGLYTCTVTSPIRASYSVTLRVFTSGDMSVYYMIVCLIAFTITLILNVTRL CMMSS<br>HLRKTEKAINEFFRTEGAELQKA FEIAKRIPITSAKTLELAKVTQFKTMEFARYIEELA<br>RSVPLPPLILNCRAFVEEMFEAVRVDDPDDLGERIKERPALNAQG GGIYVINPEMGRS<br>NSPGGDSDDGSLNEQGQEIAVQVSVHLQSETKSIDTESQGSSHFSPPDDIGSAESN<br>CNYKDGAYENCQL |
| <b>Applications</b>     | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)                                                                                                                                                                                                                                                                                                                          |

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|-------------------------|---------------------------------------------------------------------------------------------------|
|                         | Antibody Production<br>Protein Array                                                              |
| <b>Notes</b>            | Best use within three months from the date of receipt of this protein.                            |
| <b>Storage</b>          | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.                          |
| <b>Storage Buffer</b>   | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.                          |
| <b>GENE INFORMATION</b> |                                                                                                   |
| <b>Gene Name</b>        | MFAP3 microfibrillar-associated protein 3 [ Homo sapiens ]                                        |
| <b>Official Symbol</b>  | MFAP3                                                                                             |
| <b>Synonyms</b>         | MFAP3; microfibrillar-associated protein 3; microfibril-associated glycoprotein 3; DKFZp586F0219; |
| <b>Gene ID</b>          | 4238                                                                                              |
| <b>mRNA Refseq</b>      | NM_001135037                                                                                      |
| <b>Protein Refseq</b>   | NP_001128509                                                                                      |
| <b>MIM</b>              | 600491                                                                                            |
| <b>UniProt ID</b>       | P55082                                                                                            |

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