# Recombinant Full Length Human MLN Protein, GST-tagged

**Cat. No.** MLN-6368HF **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Human MLN full-length ORF ( AAH69675.1, 1 a.a. - 115 a.a.) recombinant protein with GST-tag at N-terminal. |
| **Species** | Human |
| **Source** | In Vitro Cell Free System |
| **ProteinLength** | 115 amino acids |
| **Description** | This gene encodes a small peptide hormone that is secreted by cells of the small intestine to regulate gastrointestinal contractions and motility. Proteolytic processing of the secreted protein produces the mature peptide and a byproduct referred to as motilin-associated peptide (MAP). Two transcript variants encoding different preproprotein isoforms but the same mature peptide have been found for this gene. [provided by RefSeq |
| **Molecular Mass** | 39.3 kDa |
| **AA Sequence** | MVSRKAVAALLVVHAAAMLASQTEAFVPIFTYGELQRMQEKERNKGQKKSLSVWQ RSGEEGPVDPAEPIREEENEMIKLTAPLEIGMRMNSRQLEKYPATLEGLLSEMLPQH AAK |
| **Applications** | Antibody Production<br>Functional Study<br>Compound Screening |

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| **Notes** | Best use within three months from the date of receipt of this protein. |
| **Storage** | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing. |
| **Storage Buffer** | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer. |

## GENE INFORMATION

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| **Gene Name** | MLN motilin [ Homo sapiens ] |
| **Official Symbol** | MLN |
| **Synonyms** | MLN; motilin; prepromotilin; promotilin; MGC138519; |
| **Gene ID** | 4295 |
| **mRNA Refseq** | NM_001040109 |
| **Protein Refseq** | NP_001035198 |
| **MIM** | 158270 |
| **UniProt ID** | P12872 |

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