

Recombinant Full Length Human MLN Protein

Cat. No. MLN-309HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human Motilin with N terminal proprietary tag; Predicted MW 38.72kDa.
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). Three transcript variants encoding different preproprotein isoforms but the same mature peptide have been found for this gene.
Form	Liquid
Molecular Mass	38.720kDa inclusive of tags
AA Sequence	MVSRKAVAALLVVHAAAMLASQTEAFVPIFTYGELQRMQE KERNKGQKKSLSVWQ RSGEEGPVDPAEPIREEENEMIKLT APLEIGMRMNSRQLEKYPATLEGLLSEMLPQH AAK
Purity	Proprietary Purification

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Storage	Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.
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Storage Buffer	pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.
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GENE INFORMATION

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