

Recombinant Human MLN

Cat. No. MLN-27721TH 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	Wheat Germ
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.
Molecular Weight	38.720kDa inclusive of tags
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00Constituents:0.3% Glutathione, 0.79% Tris HCl
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.

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Sequences of amino acids

MVSRKAVAALLVVHAAAMLASQTEAFVPIFTYGELQRMQE KERNKGQKKSLSVWQ
 RSGEEGPVDPAEPIREEENEMIKLT APLEIGMRMNSRQLEKYPATLEGLLSEMLPQH
 AAK

Sequence Similarities

Belongs to the motilin family.

GENE INFORMATION

Gene Name

MLN motilin [Homo sapiens]

Official Symbol

MLN

Synonyms

MLN; motilin; prepromotilin;

Gene ID

4295

mRNA Refseq

NM_001040109

Protein Refseq

NP_001035198

MIM

158270

Uniprot ID

P12872

Chromosome Location

6p21.31

Pathway

Class A/1 (Rhodopsin-like receptors), organism-specific biosystem; G alpha (q) signalling events, organism-specific biosystem; GPCR downstream signaling, organism-specific biosystem; GPCR ligand binding, organism-specific biosystem; Peptide ligand-binding receptors, organism-specific biosystem;

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Function	hormone activity; receptor binding;
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