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Datasheet for ABIN7318787

**Motilin Protein (MLN) (His tag)**

## Overview

Quantity:	50 µg
Target:	Motilin (MLN)
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Motilin protein is labelled with His tag.

## Product Details

Purpose:	Recombinant Human Motilin/MLN Protein (His Tag)
Sequence:	Phe26-Lys115
Characteristics:	Recombinant Human Motilin is produced by our Mammalian expression system and the target gene encoding Phe26-Lys115 is expressed with a 6His tag at the C-terminus.
Purity:	> 90 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

## Target Details

Target:	Motilin (MLN)
Alternative Name:	Motilin/MLN ( <a href="#">MLN Products</a> )
Background:	Background: Promotilin is a secreted protein that belongs to the motilin family. Human Promotilin cDNA encodes a 115 amino acid (aa) precursor that contains a 25 aa signal peptide and a 90 aa with motilin and motilin-associated peptide. It plays an important role in the

## Target Details

regulation of interdigestive gastrointestinal motility and indirectly causes rhythmic contraction of duodenal and colonic smooth muscle.

Synonym: Promotilin, Motilin-associated peptide, MLN

Molecular Weight: 11.4 kDa

UniProt: [P12872](#)

Pathways: [Hormone Activity](#)

## Application Details

Restrictions: For Research Use only

## Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.