Recombinant Human MLN protein, His-tagged

Cat. No. MLN-2595H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MLN aa. (Phe26~Lys115 (Accession # P12872)) fused with N-terminal His tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Phe26~Lys115
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	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 11.9kDa
Endotoxin	<1.0EU per 1μg (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.2.

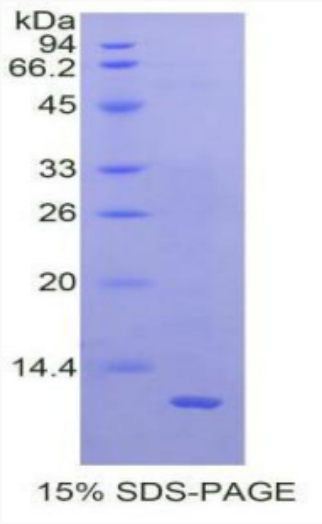
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Applications	SDS-PAGE; WB; ELISA; IP
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4

GENE INFORMATION

Gene Name	MLN motilin [Homo sapiens (human)]
Official Symbol	MLN
Synonyms	MLN; motilin; promotilin; prepromotilin
Gene ID	4295
mRNA Refseq	NM_001040109.1
Protein Refseq	NP_001035198.1
UniProt ID	P12872

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SDS-PAGE	 15% SDS-PAGE

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