

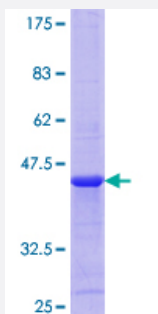
Full-Length

MLN (Human) Recombinant Protein (P01)

Catalog # H00004295-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human MLN full-length ORF (AAH69675.1, 1 a.a. - 115 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MVSRKAVAALLVVHAAAMLASQTEAFVPIFTYGELQRMQEKERNKGQKKSLSVWQRSGEETGPV
DPAEPIREEENEMIKLTAPLEIGMRMNSRQLEKYPATLEGLLSEMLPQHAAK

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

39.3

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — MLN

Entrez GeneID [4295](#)

GeneBank Accession# [BC069675.1](#)

Protein Accession# [AAH69675.1](#)

Gene Name MLN

Gene Alias MGC138519

Gene Description motilin

Omim ID [158270](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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]

Other Designations OTTHUMP00000039615

Pathway

- [Neuroactive ligand-receptor interaction](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Lupus Erythematosus](#)
- [Pyloric Stenosis](#)