



# Recombinant *Macaca mulatta* (Rhesus macaque) Promotilin (MLN)

<b>Product Code</b>	CSB-MP014638MOW
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	O18811
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	<i>Macaca mulatta</i> (Rhesus macaque)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	FVPIF TYGELQRMQE KERSKGQKKS LSVWQRSGEE GPVDP AEPIE EEGNEMIKLT APLEIGMRMN SRQLEKYRAA LEGLLSEMLP QHAAK
<b>Source</b>	Mammalian cell
<b>Target Names</b>	MLN
<b>Protein Names</b>	Recommended name: Promotilin Cleaved into the following 2 chains: 1. Motilin 2. Motilin-associated peptide Short name= 3. MAP
<b>Expression Region</b>	26-115
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Target Details</b>	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.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
<b>Shelf Life</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.