



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

Product Code	CSB-EP014638MOW-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O18811
Product Type	Recombinant Protein
Immunogen Species	<i>Macaca mulatta</i> (Rhesus macaque)
Purity	>85% (SDS-PAGE)
Sequence	FVPIF TYGELQRMQE KERSKGQKKS LSVWQRSGEE GPVDP AEPIE EEGNEMIKLT APLEIGMRMN SRQLEKYRAA LEGLLSEMLP QHAAK
Source	<i>E.coli</i>
Target Names	MLN
Protein Names	Recommended name: Promotilin Cleaved into the following 2 chains: 1. Motilin 2. Motilin-associated peptide Short name= 3. MAP
Expression Region	26-115
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	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.
Reconstitution	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.
Shelf Life	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.