

**MLEC, 29-269aa, Human, His tag, E.coli**

**Cat.NO.: TP02983**

---

3th Edition

**Synonyms:**Malectin, Malectin, KIAA0152

**Description:**MLEC belongs to the malectin family and is localized on endoplasmic reticulum membrane. This protein is a carbohydrate-binding protein with a strong ligand preference for Glc2-N-glycan and may play a role in the early steps of protein N-glycosylation. Recombinant human MLEC protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

**Form:**Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT

**Molecular Weight:**29.1kDa (264aa), confirmed by MALDI-TOF

**Sequences:**

MGSSHHHHHHSSGLVPRGSHMGSPGLGVAGVAGAAGAGLPESVIWAVNAGGEAHVDVHGIHFRKDPLEGRVGR  
ASDYGMKLPILRSNPEDQILYQTERYNEETFGYEVPIKEEGDYVLVLKFAEVYFAQSQQKVFVRLNGHVVVKDLDI  
FDRVGHSTAHEIIPMSIRKGLSVQGEVSTFTGKLYIEFVKGYDNPVKCALYIMAGTVDDVPKLQPHPGLEKKEE  
EEEEEEYDEGSNLKKQTNKNRVQSGPRTPNPYASDNS

**Purity:**> 95% by HPLC

**Concentration:**0.5 mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.