
Product Data Sheet

Product Name: MLEC Human

Cat. No.: GP23930

Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Malectin; KIAA0152; Oligosaccharyltransferase Complex Subunit (Non-Catalytic).		
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSPGLGVAG VAGAAGAGLP ESVIWAVNAG GEAHVDVHGI HFRKDPLEGR VGRASDYGMK LPILRSNPED QILYQTERYN EETFGYEVPI KEEGDYVLVL KFAEVYFAQS QQKVFVRLN GHVVVKDLDI FDRVGHSTAH DEIIPMSIRK GKLSVQGEVS TFTGKLYIEF VKGYDNPVKV CALYIMAGTV DDVPKLQPHP GLEKKEEEEE EEEYDEGSNL KKQTNKNRVQ SGPRTPNPYA SDNS		
Formulation	The MLEC solution contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 1mM DTT and 10% glycerol.		

Introduction

MLEC is a member of the malectin family and is found on endoplasmic reticulum membrane. MLEC is a carbohydrate-binding protein with a high ligand preference for Glc2-N-glycan. MLEC takes part in the initial stages of protein N-glycosylation.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks.

Background

MLEC Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 264 amino acids (29-269) and having a molecular mass of 29.1kDa.

Caution: Product has not been fully validated for medical applications. For research use only.

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