

Cell surface mannoprotein MP65 (MP65) Recombinant Protein | MP65 recombinant protein

Recombinant Candida albicans Cell surface mannoprotein MP65 (MP65), partial

CATALOG #
AAA279286

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

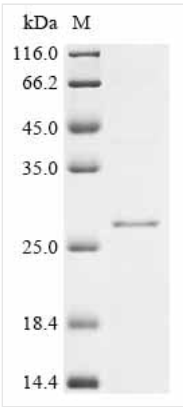
PRODUCT SYNONYMS

Cell surface mannoprotein MP65 (MP65); Recombinant Candida albicans Cell surface mannoprotein MP65 (MP65); partial; Mannoprotein of 65 kDa; Soluble cell wall protein 10; MP65 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater than 85% as determined by SDS-PAGE.
Form/Format	Liquid or Lyophilized powder If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8
Sequence Positions	47-125aa; Partial
Sequence	IGNGDQTTTF AAPSVAAESS VSVSVNTEPP QNHPTTTQDV ASASTYPSST DGSAASSSAA ASSSSQAGSE PSGGVGSGG
Species	Candida albicans (strain SC5314/ATCC MYA-2876)(Yeast)
Tag	N-terminal 6xHis-KSI-tagged
Research Area	Signal Transduction
Preparation and Storage	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 degree C/-80 degree C. The shelf life of lyophilized form is 12 months at -20 degree C/-80 degree C. Repeated freezing and thawing is not recommended. Store working aliquots at 4 degree C for up to one week. 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 degree C/-80 degree C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

IMAGES



SDS-PAGE
Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

ADDITIONAL INFORMATION

Related Product Information for MP65 recombinant protein	Surface mannoprotein required for hyphal morphogenesis, surface adherence, and pathogenicity. Contributes in a high proportion to the carbohydrate component of the matrix due to high levels of glycosylation and may play important roles during biofilm development and maintenance. Acts as a major antigen target of host cell-mediated immune response. Induces extensive T-cell proliferation of human peripheral blood mononuclear cells. Facilitates host dendritic cells maturation and promotes cytokine production through its glycosylated portion while its protein core is essentially involved in induction of T-cell response.
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NCBI AND UNIPROT INFORMATION

UniProt Accession #	Q59XX2
Molecular Weight	22.7kDa

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/cell-surface-mannoprotein-mp65-mp65-recombinant-protein-e-coli/279286>