

ALS3 Protein, Candida albicans, Recombinant (B2M & His & Myc)

General Information

Synonyms:	Agglutinin-like protein 3;ALD8;3D9 antigen;Adhesin 3;ALS3
Protein Construction:	918-1119 aa
Species:	Candida albicans
Expression Host:	E. coli
Accession:	O74623
Molecular Weight:	37.9 kDa (predicted)
AA Sequence:	VSVETESSTVTTAQTNPSPVPTTESEVVFTTKGNNENGPYESPSTNVKSSMDENSEFTTSTAASTSTDIENETIAT TGSVEASSPIISSADETTTVTTAESTSVIEQPTNNNGGKAPSATSSPSTTTANNDVITGTTSTNQSQSQS QYNSDTQQTTLSQQMTSSLVSLHMLTTFDGSGSVIQHSTWLCGLITLLSLFI

QC Testing

Biological Activity:	Activity has not been tested. It is theoretically active, but we cannot guarantee it. If you require protein activity, we recommend choosing the eukaryotic expression version first.
Purity:	> 90% as determined by SDS-PAGE.
Endotoxin:	< 1.0 EU/μg of the protein as determined by the LAL method.
Formulation:	Tris-based buffer, 50% glycerol

Preparation and Storage

Reconstitution:	A Certificate of Analysis (CoA) containing reconstitution instructions is included with the products. Please refer to the CoA for detailed information.
Stability & Storage:	Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots. <small>Actual storage temperature shall be subject to the COA.</small>

Shipping:

In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.

Protein Background

Cell surface adhesion protein which mediates both yeast-to-host tissue adherence and yeast aggregation. Plays an important role in the biofilm formation and pathogenesis of C.albicans infections. Necessary for C.albicans to bind to N-cadherin on endothelial cells and E-cadherin on oral epithelial cells and subsequent endocytosis by these cells. During disseminated infection, mediates initial trafficking to the brain and renal cortex and contributes to fungal persistence in the kidneys.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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