

Hydrophobin Protein, Neosartorya fumigata, Recombinant (B2M & His)

General Information

Synonyms:	rodA;hyp1;Hydrophobin;Rodlet protein
Protein Construction:	19-159 aa
Species:	Neosartorya fumigata
Expression Host:	E. coli
Accession:	P41746
Molecular Weight:	28.3 kDa (predicted)
AA Sequence:	LPQHDVNAAGNGVGNKGNANVRFPVDDITVKQATEKCGDQAQLSCCNKATYAGDVTDIDEGILAGTLKNL IGGGSGTEGLGLFNQCSKLDLQIPVIGIPIQALVNQKCKQNIACCQNSPSDASGSLIGLGLPCIALGSIL

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:	> 85% 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.

Actual storage temperature shall be subject to the COA.

Shipping:

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

Protein Background

Cell wall protein regularly arranged in interwoven fascicles of clustered proteinaceous microfibrils, or rodlets, to form the outer spore coat protein. It is involved in resistance to environmental stress and may well be associated with conidial hydrophobicity. It is important in the morphogenesis of the dispersible conidia.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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