

Hydrophobin-1 Protein, Hypocrea jecorina, Recombinant (His & SUMO)

General Information

Synonyms:	Hydrophobin I (HFBI);hfb1;Hydrophobin-1
Protein Construction:	23-97 aa
Species:	Hypocrea jecorina
Expression Host:	E. coli
Accession:	P52754
Molecular Weight:	23.5 kDa (predicted)
AA Sequence:	SNGNGNVCPGLFSNPQCCATQVLGLIGLDCKVPSQNVYDGTDFRNVCAKTGAQPLCCVAPVAGQALLCQT AVGA

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.

Shipping:

In general, Lyophilized powders are shipping with blue ice. Solutions are shipping with dry ice.

Protein Background

Contributes to surface hydrophobicity, which is important for processes such as association of hyphae in reproductive structures, dispersal of aerial spores and adhesion of pathogens to host structures.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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