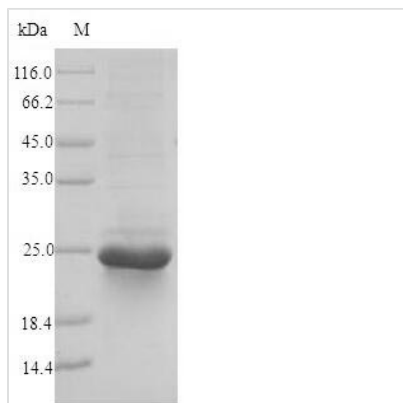




Recombinant Hypocrea jecorina Hydrophobin-2 (hfb2)

Product Code	CSB-EP304437HYE
Relevance	Responsible for spore hydrophobicity and protection.
Abbreviation	Recombinant Hypocrea jecorina hfb2 protein
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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P79073
Alias	Hydrophobin II Short name: HFBII
Product Type	Recombinant Protein
Immunogen Species	Hypocrea jecorina (Trichoderma reesei)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	AVCPTGLFSNPLCCATNVLDLIGVDCKTPTIAVDTGAIFQAHCASKGSKPLCCV APVADQALLCQKAIGTF
Research Area	Microbiology
Source	E.coli
Target Names	hfb2
Protein Names	Recommended name: Hydrophobin-2 Alternative name(s): Hydrophobin II Short name= HFBII
Expression Region	16-86aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	23.2kDa
Protein Length	Full Length of Mature Protein

Image



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

Reconstitution

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°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.