





Recombinant Candida albicans Fructosebisphosphate aldolase (FBA1)

Product Code	CSB-EP891473CZD
Abbreviation	Recombinant Candida albicans FBA1 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.	Q9URB4
Product Type	Recombinant Proteins
Immunogen Species	Candida albicans (strain SC5314 / ATCC MYA-2876) (Yeast)
Purity	Greater than 85% as determined by SDS-PAGE.
Sequence	APPAVLSKSGVIYGKDVKDLFDYAQEKGFAIPAINVTSSSTVVAALEAARDNKA PIILQTSQGGAAYFAGKGVDNKDQAASIAGSIAAAHYIRAIAPTYGIPVVLHTDH CAKKLLPWFDGMLKADEEFFAKTGTPLFSSHMLDLSEETDDENIATCAKYFER MAKMGQWLEMEIGITGGEEDGVNNEHVEKDALYTSPETVFAVYESLHKISPNF SIAAAFGNVHGVYKPGNVQLRPEILGDHQVYAKKQIGTDAKHPLYLVFHGGSG STQEEFNTAIKNGVVKVNLDTDCQYAYLTGIRDYVTNKIEYLKAPVGNPEGADK PNKKYFDPRVWVREGEKTMSKRIAEALDIFHTKGQL
Research Area	Others
Source	E.coli
Source Target Names	E.coli FBA1
Target Names	FBA1 Recommended name: Fructose-bisphosphate aldolase Short name= FBP aldolase Short name= FBPA EC= 4.1.2.13 Alternative name(s): 37 kDa major
Target Names Protein Names	FBA1 Recommended name: Fructose-bisphosphate aldolase Short name= FBP aldolase Short name= FBPA EC= 4.1.2.13 Alternative name(s): 37 kDa major allergen Fructose-1,6-bisphosphate aldolase IgE-binding allergen
Target Names Protein Names Expression Region	FBA1 Recommended name: Fructose-bisphosphate aldolase Short name= FBP aldolase Short name= FBPA EC= 4.1.2.13 Alternative name(s): 37 kDa major allergen Fructose-1,6-bisphosphate aldolase IgE-binding allergen 2-359aa Repeated freezing and thawing is not recommended. Store working aliquots at
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Target Names Protein Names Expression Region Notes Tag Info	FBA1 Recommended name: Fructose-bisphosphate aldolase Short name= FBP aldolase Short name= FBPA EC= 4.1.2.13 Alternative name(s): 37 kDa major allergen Fructose-1,6-bisphosphate aldolase IgE-binding allergen 2-359aa Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. N-terminal 10xHis-tagged and C-terminal Myc-tagged



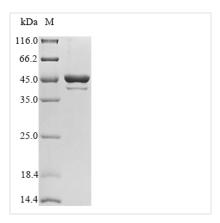
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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Description

Expressing the recombinant Candida albicans (strain SC5314 / ATCC MYA-2876) FBA1 protein in e.coli cells involves inserting a DNA fragment encoding the Candida albicans (strain SC5314 / ATCC MYA-2876) FBA1 protein (2-359aa) into a plasmid vector and transferring it to the e.coli cells. Positive cells are screened, cultured, and induced to express the FBA1 protein. The protein carries a N-terminal 10xHis tag and C-terminal Myc tag. The cells are lysed to collect the recombinant Candida albicans (strain SC5314 / ATCC MYA-2876) FBA1 protein, which is purified through affinity purification and then identified using SDS-PAGE and subsequent staining of the gel with Coomassie Brilliant Blue. The purity of the resulting recombinant Candida albicans (strain SC5314 / ATCC MYA-2876) FBA1 protein exceeds 85%.

Shelf Life

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