



Recombinant Neosartorya fumigata 1,3-beta-glucanosyltransferase gel4 (gel4)

Product Code	CSB-EP316454NGS-B
Storage	The shelf life of liquid-form form is 6 months around at -20°C/-80°C. The shelf life of lyophilized form is 12 months around at -20°C/-80°C.
Uniprot No.	P0C956
Product Type	Recombinant Protein
Immunogen Species	Neosartorya fumigata (strain ATCC MYA-4609 / Af293 / CBS 101355 / FGSC A1100) (Aspergillus fumigatus)
Purity	>85% (SDS-PAGE)
Sequence	KVLKA CCWTIALDAN SYGNKFFYSN NGTEFFIRGV AYQQEYQANG TSTENSDYTD PLANVDNCKR DIPYLKQLRT NVIRTYAVDP TKDHDECMKL LDDAGIYLIT DLSAPSESIN RADPAWNTDL YKRYTSVIDA FAKYSNVIGF FAGNEVANDN NNTNSIAYVK AAVRDMKSYI KSKDYRSSL VGYATDDDAH IRADLADYLV CGDKESSIDM FGYNIEWCG DSSFEEKSGYK DRTEEFKYP VPAFFSEYGC IDPKPRKFTD VAALYGPQMN DVWSSGIVYM YFQEANDYGL VSVSGDNVKT KEDFSYLSVQ MQKVTATGVN SASYASNTA VPTCPSVGAK WEASNKLPPS PNSELCDMV ETLCTVKDS VDEKEYGDLF DYLCAGVCG GINSNSTSGD YGAYSVCSAK QKLSFVMNQY YKKNNKAATA CDFDGKAQTK KGADASGSCA SLISQAGTAG TGSVTAGATG SSGSGSASET SKGAAGVAA
Source	E.coli
Target Names	gel4
Protein Names	Recommended name: 1,3-beta-glucanosyltransferase gel4 EC= 2.4.1.- Alternative name(s): Glucan elongating glucanosyltransferase 4
Expression Region	26-519
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
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.