



Recombinant *Saccharomyces cerevisiae* 1,3-beta-glucanosyltransferase GAS4 (GAS4)

Product Code	CSB-EP600083SVG-B
Abbreviation	GAS4
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.	Q08271
Product Type	Recombinant Protein
Immunogen Species	<i>Saccharomyces cerevisiae</i> (strain ATCC 204508 / S288c) (Baker's yeast)
Purity	>85% (SDS-PAGE)
Sequence	SVHTIQIKD KHFVDTVTGK PFFIKGVDYQ PGGSSDVSEK QDPLSNPDAC ARDILLFQEL GINTVRIYSI NPDLNHDACM TMLAMAGIYL ILDVNSPLQN QHLNRYEPWT TYNEVYLEHV FKVVEQFSHY NNTLGGFFAGN EIVNDKRSAQ YSPAYVKELI GTMKNYISAH SPRTIPVGYS AADDLNYRVS LSEYLECKDD DKPENSVDYFV GVNSYQWCGQ QTMQTSGYDT LVDAYRSYSK PVFFSEFGCN KVLPRQFQEI GYLFSEEMYS VFCGGLVYEF SQEDNNYGLV EYQEDDSVQL LADFEKLSH YQNIFFPSMK TLKETVQMEE TPSCAEDYEN LKIESKIAKN LGSSLIKKGV KVEKGYIDI HEDQLSTNVT ILDKHGDRWN GPKKIEIRQS LTLADLEGEE QEDAEDKDD LKRKHRN
Source	E.coli
Target Names	GAS4
Protein Names	Recommended name: 1,3-beta-glucanosyltransferase GAS4 EC= 2.4.1.- Alternative name(s): Glycolipid-anchored surface protein 4
Expression Region	22-447
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.