



Recombinant *Saccharomyces cerevisiae* Down-regulator of invasive growth 1 (DIG1)

Product Code	CSB-YP311738SVG
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	Q03063
Product Type	Recombinant Protein
Immunogen Species	<i>Saccharomyces cerevisiae</i> (strain ATCC 204508 / S288c) (Baker's yeast)
Purity	≥85% (SDS-PAGE)
Sequence	MAVSARLRTT AEDTSIAKST QDPIGDTEIS VANAKGSSDS NIKNSPGGNS VGQESELEHV PEEDDSGDKE ADHEDSETAT AKKRKAQPLK NPKKSLKRGR VPAPLNLSDS NTNTHGGNIK DGNLASSNSA HFPPVANQNV KSAPAVTQH SKFQPRVQYL GKASSRQSIQ VNNSSNSYGK PHMPSAGIMS AMNPYMPMNR YIMSPYYNPY GIPPPHMLNK PIMTPYVSYP YPMGPRTSIP YAMQGGNARP YEENEYSASN YRNKRVNDSY DSPLSGTAST GKTRRSEEGS RNSSVGSSAN AGPTQQRADL RPADMIPAE YHFERDALLS ANTKARSAST STSTSTSTNR DRSSWHEAEP NKDEEEGTDL AIEDGAVPTP TFTTFQRTSQ PQQQSPSLQ GEIRLSSHIF AFEFPLSSSN VDKKMFMSIC NKVWNESEKEL TTKSSSHHRT GK
Source	Yeast
Target Names	DIG1
Protein Names	Recommended name: Down-regulator of invasive growth 1 Alternative name(s): Regulator of STE12 protein 1 Regulator of sterile twelve 1
Expression Region	1-452
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 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.