



Recombinant *Saccharomyces cerevisiae* (R,R)-butanediol dehydrogenase (BDH1)

Product Code	CSB-EP340142SVG-B
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.	P39714
Product Type	Recombinant Protein
Immunogen Species	<i>Saccharomyces cerevisiae</i> (strain ATCC 204508 / S288c) (Baker's yeast)
Purity	>85% (SDS-PAGE)
Sequence	MRALAYFKKG DIHFTNDIPR PEIQTDDDEVI IDVSWCGICG SDLHEYLDGP IFMPKDGECH KLSNAALPLA MGHEMSGIVS KVGPKVTKVK VGDHVVVDA SSCADLHCWP HSKFYNSKPC DACQRGSENL CTHAGFVGLG VISGGFAEQV VVSQHHIIPV PKEIPLDVAALVEPLSVTWH AVKISGFKKG SSALVLGAGP IGLCTILVLK GMGASKIVVS EIAERRIEMA KKLGVVEVFNPKHGHKSIEI LRGLTKSHDG FDYSYDCSGI QVTFETSLKA LTFKGTATNI AVWGPKPVPF QPMDVTLQEK VMTGSIGYVV EDFEEVVRAI HNGDIAMEDC KQLITGKQRI EDGWEKGFQE LMDHKESNVK ILLTPNNHGE MK
Source	E.coli
Target Names	BDH1
Protein Names	Recommended name: Diacetyl reductase [(R)-acetoin forming] EC= 1.1.1.303
Expression Region	1-382
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.