



Recombinant *Saccharomyces cerevisiae* Saccharopine dehydrogenase [NADP (+), L- glutamate-forming]

Product Code	CSB-EP340042SVG-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.	P38999
Product Type	Recombinant Protein
Immunogen Species	<i>Saccharomyces cerevisiae</i> (strain ATCC 204508 / S288c) (Baker's yeast)
Purity	>85% (SDS-PAGE)
Sequence	MGKNVLLLGS GFVAQPVIDT LAANDDINVT VACRTLANAQ ALAKPSGSKA ISLDVTDDSA LDKVLADNDV VISLIPYTFH PNVVKS AIRT KTDVVTSSYI SPALRELEPE IVKAGITVMN EIGLDPGIDH LYAVKTIDEV HRAGGKLSF LSYCGGLPAP ESDSNPLGYK FSWSSRGVLL ALRNSAKYWK DGKIETVSSE DLMATAKPYF IYPGYAFVCY PNRDSTLFKD LYHIPEAETV IRGTLRYQGF PEFVKALVDM GMLKDDANEI FSKPIAWNEA LKQYLGA KST SKEDLIASID SKATWKDDED RERILSGFAW LGLFSDAKIT PRGNALDTLC ARLEELMQYE DNERDMVVLQ HKFGIEWADG TTETRTSTLV DYGKVG GYSS MAATVGY PVA IATK FVLDGT IKGPGLLAPY SPEINDPIMK ELKDKYGIYL KEKTVA
Source	E.coli
Target Names	LYS9
Protein Names	Recommended name: Saccharopine dehydrogenase [NADP(+), L-glutamate-forming] EC= 1.5.1.10 Alternative name(s): Saccharopine reductase
Expression Region	1-446
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.