



Recombinant Scheffersomyces stipitis D-xylulose reductase (XYL2)

Product Code	CSB-EP322095SXM-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.	P22144
Product Type	Recombinant Protein
Immunogen Species	Scheffersomyces stipitis (strain ATCC 58785 / CBS 6054 / NBRC 10063 / NRRL Y-11545) (Yeast) (Pichia stipitis)
Purity	>85% (SDS-PAGE)
Sequence	MTANPSLVLN KIDDISFETY DAPEISEPTD VLVQVKKTGI CGSDIHFYAH GRIGNFVLTK PMVLGHESAG TVVQVGKGVV SLKVGDNVAI EPGIPSRFSD EYKSGHYNLC PHMAFAATPN SKEGEPNPPG TLCKYFKSPE DFLVKLPDHF SLELGALVEP LSVG VHASKL GSVAFGDYVA VFGAGPVGLL AAVAKTFGA KGVIVVDIFD NKLKMAKDIG AATHTFNSKT GGSEELIKAF GGNVPNVVLE CTGAEPCIKL GVDIAPGGR FVQVGNAAGP VSFPIVTFAM KELTLFGSFR YGFNDYKTAV GIFDTNYQNG RENAPIDFEQ LITHRYKFKD AIEAYDLVRA GKGAVKCLID GPE
Source	E.coli
Target Names	XYL2
Protein Names	Recommended name: D-xylulose reductase EC= 1.1.1.9 Alternative name(s): Xylitol dehydrogenase Short name= XDH
Expression Region	1-363
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.