



# Recombinant Scheffersomyces stipitis D-xylulose reductase (XYL2)

<b>Product Code</b>	CSB-MP322095SXM
<b>Storage</b>	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.
<b>Uniprot No.</b>	P22144
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Scheffersomyces stipitis (strain ATCC 58785 / CBS 6054 / NBRC 10063 / NRRL Y-11545) (Yeast) (Pichia stipitis)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MTANPSLVLN KIDDISFETY DAPEISEPTD VLVQVKKGTGI CGSDIHFYAH GRIGNFVLTK PMVLGHESAG TVVQVGKGVTV SLKVGDNVAI EPGIPSRFSD EYKSGHYNLC PHMAFAATPN SKEGEPNPPG TLCKYFKSPE DFLVKLPDHF SLELGALVEP LSVG VHASKL GSVAFGDYVA VFGAGPVGLL AA AVAKTFGA KGVIVVDIFD NKLKMAKDIG AATHTFNSKT GGSEELIKAF GGNVPNVVLE CTGAEPCIKL GVDIAPGGR FVQVGNAAGP VSFPI TVFAM KELTLFGSFR YGFNDYKTAV GIFDTNYQNG RENAPI DFEQ LITHRYKFKD AIEAYDLVRA GKGAVKCLID GPE
<b>Source</b>	Mammalian cell
<b>Target Names</b>	XYL2
<b>Protein Names</b>	Recommended name: D-xylulose reductase EC= 1.1.1.9 Alternative name(s): Xylitol dehydrogenase Short name= XDH
<b>Expression Region</b>	1-363
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.