



Recombinant Scheffersomyces stipitis NAD (P)H-dependent D-xylose reductase

Product Code	CSB-YP330121SXM
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.	P31867
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	MPSIKLNSGY DMPAVGFGCW KVDVDTCSAQ IYRAIKTGYR LFDGAEDYAN EKLVGAGVKK AIDEGIVKRE DLFLTSLKLN NYHHPDNVEK ALNRTLSDLQ VDYVDLFLIH FVTFKFPVPL EEKYPPGFYC GKGDNFDYED VPILETWKAL EKLVKAGKIR SIGVSNFPGA LLLDLLRGAT IKPSVLQVEH HPYLQQPRLI EFAQSRGIAV TAYSSFQPGQS FVELNQGRL NTSPLEFENET IKAIAAKHGK SPAQVLLRWS SQRGAIIPK SNTVPRLLEN KDVNSFDLDE QDFADIAKLD INLRFNDPWD WDKIPIFV
Source	Yeast
Target Names	XYL1
Protein Names	Recommended name: NAD(P)H-dependent D-xylose reductase Short name= XR EC= 1.1.1.307
Expression Region	1-318
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.