



Recombinant *Candida shehatae* NAD (P)H-dependent D-xylose reductase (XYL1)

Product Code	CSB-EP879088COAR
Abbreviation	XYL1
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.	Q9P430
Product Type	Recombinant Protein
Immunogen Species	<i>Scheffersomyces shehatae</i> (Yeast) (<i>Candida shehatae</i>)
Purity	>85% (SDS-PAGE)
Sequence	MSPSPIPAFK LNNGLEMP SI GFGCWKLDKS TAADQVYNAI KAGYRLFDGA EDYGNEQEVG EGVKRAIDEG IVTREEIFLT SKLWNNYHDP KNVETALNKT LKDLKVDYVD LFLIHFPIAF KFVPIEEKYP PGFYCGDGDN FVYEDVPILE TWKALEKLVK AGKIRSIGVS NFPGALLLDL FRGATIKPAV LQVEHHPYLQ QPKLIEYAQK VGITVTAYSS FGPQSFVEMN QGRALNTPTL FEHDVIKAI AKHNKVP AEV LLRWSAQRGI AVIPKSNLPE RLVQNRSFND FELTKEDFEE ISKLDINLRF NDPWDWDNIP IFV
Source	<i>E.coli</i>
Target Names	XYL1
Protein Names	Recommended name: NAD(P)H-dependent D-xylose reductase Short name= XR EC= 1.1.1.307
Expression Region	1-323
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.