



Recombinant Caldicellulosiruptor sp. Putative xylose repressor (xylR)

Product Code	CSB-EP328199CAL-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.	P40981
Product Type	Recombinant Protein
Immunogen Species	Caldicellulosiruptor sp. (strain Rt8B.4)
Purity	≥85% (SDS-PAGE)
Sequence	MGNHALIKQI NKLLILKTIL DHRTISRAKI SKLVDLNKAT VSNLTDELIK EGFVIEKGYG HSKGGRRPVL LEVNKNVGLI IGIDLGVNYI HLVLTNFIGE I IWERNMAIK LGEKQEKILE SLFIILEEAI KAAPPTQKGI LGIGIGVPGI VEKNSGTVLL APNLKWQDVP LKRMVESRFG LPVYIDNEAN AGALGEKWFG GWGDVSHLLY VSVGIGIGAG IVIGEEVYRG AKGFAGEVGH MTIDFNDDVC SCGNVGLEN FASERALLSL IKTLVESGVE DEYINRDTVE EMDAGYIIQS ALQRSRVAMN AITDIANKLG IGIANLVNIF NPDIIVVIGNK ASFMGDLFLE ELRRIVYKRA FITQYHHVRV EVSKLKDRAC VLGCVAMVIS DMLAFPDYV
Source	E.coli
Target Names	xylR
Protein Names	Recommended name: Putative xylose repressor
Expression Region	1-399
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.