

Recombinant Enzyme Product Specification Sheet

Cat. No.:	PRO-E0322
LOT:	2008-0322
Activity:	Acetyl xylan esterase
Synonyms:	-
Nomenclature:	Acetyl xylan esterase, CE 1
Source organism:	<i>Opiritatus terrae PB90-1</i>
Enzyme Commission No.:	3.1.1.72
Activity:	-
Specific activity:	-
Purity:	-
Form and storage:	-
pH optimum:	-
Temperature optimum:	-
[Protein]:	-
Sequence length:	376 amino acids (view sequence)
Accession No.:	ACB76502
Molecular weight:	44249.6 Da (theoretical)
	- (observed by SDS-PAGE)
	- (observed by mass spectrometry)
Biological function:	Deacetylation of xylans and xylo-oligosaccharides
Potential application(s):	Biomass conversion , carbohydrate research
Comments:	-
Usage:	-
Assay:	-

NOTE: this product is currently under development. If you wish to prioritise the production of this enzyme, please follow [this link](#)

Primary sequence:

MKISLPSALRCIVCSLGLTLTLQAQPSGSRPPPIDSPVHPDRTATFKFRAPNAQKVELSGQFLRSSQPL
QKDESGVWSITVGPVIEPNLYPYNFVVDGLGVADPANQDIFPNERFKASLVDIPGEQPSMYAVRDVPHGEL
TTCYYHSPKPLNRTRPLIVYTPPGYRAGTDKYPAFYLVSGTTDTEETWVKVGRVNFILDNLIAAKRAVPMI
VVMPYGNMMMGMPRPDTPEVAGMYQVFNEELLGNILPYVEANYRVIADREHRAIAGFSRGGGQSLFTGFN
NLDQFAYIGSYSAYLTAAVFDKHFPRVSADPAATNRQLKLLWLGVGKSDFLYPQAI AFMDLMKERKLEHR
TLITEGGHTWMNARHYLYETLQLYFK

Literature:

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