

Recombinant Enzyme Product Specification Sheet

Cat. No.:	PRO-E0208
LOT:	2008-0208
Activity:	α -L-Arabinofuranosidase
Synonyms:	α -N-Arabinofuranosidase; arabinofuranosidase; arabinosidase
Nomenclature:	α -L-Arabinofuranosidase GH43
Source organism:	<i>Streptomyces avermitilis</i> MA-4680
Enzyme Commission No.:	3.2.1.55
Activity:	-
Specific activity:	-
Purity:	-
Form and storage:	-
pH optimum:	-
Temperature optimum:	-
[Protein]:	-
Sequence length:	454 amino acids (view sequence)
Accession No.:	BAC68753
Molecular weight:	52253.8 Da (theoretical)
	- (observed by SDS-PAGE)
	- (observed by mass spectrometry)
Biological function:	Hydrolysis of terminal non-reducing α -L-arabinofuranoside residues in α -L-arabinosides
Potential application(s):	Biomass conversion , carbohydrate research
Comments:	-
Usage:	-
Assay:	-
Primary sequence:	

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

TAPASPSVTFTNPLAEKRADPHIFKHTDGYYYFTATVPEYDRIVLRRATTIQLGLATAPETTIWTKHASGVMGAHI
WAPEIHFIDGKWVYVFAAGSTSDVWAI RMYVLES GAANPLTGSWTEKGQIATPVSSFSLDATT FVVNGVRHLAWA

QRNPAEDNNTSLFIAKMANPWTISGTPTEISQPTLSWETVGYKVNIEGPAVIQHGGKVFLTYASATDANYCLGML
SASASADLLNAASWTKSSQPVFKTSEATGQYGPHNSFTVSEDKSDILVYHDRNYKDISGDPLNDPNRRTRLQK
VYWNADGTPNFGIPVADGVTVPRFSSYNYPDRIYRHWDFRARIANVTNLADSQFRVVTGLAGSGTISLESANYP
GYLLRHKNYEVWVEKNDGSSAFKNDASFRRAGLADSADGIAFESYNYPGRYLRHYENLLRIQPVSTALDRQDAT
FYAE

Literature:

1. *Omura et al. (2001) Proc. Natl. Acad. Sci. U.S.A. 98, 12215-12220*