

Recombinant Enzyme Product Specification Sheet

Cat. No.:	PRO-E0204
LOT:	2008-0204
Activity:	α -L-Arabinofuranosidase
Synonyms:	α -N-Arabinofuranosidase; arabinofuranosidase; arabinosidase
Nomenclature:	α -L-Arabinofuranosidase GH51
Source organism:	<i>Lactobacillus brevis</i> ATCC 367
Enzyme Commission No.:	3.2.1.55
Activity:	-
Specific activity:	-
Purity:	-
Form and storage:	-
pH optimum:	-
Temperature optimum:	-
[Protein]:	-
Sequence length:	496 amino acids (view sequence)
Accession No.:	ABJ64817
Molecular weight:	58474.1 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](#)

MQGKLTVDPASQIAKIDDRVYSALIEHLGRSVYDGLYQPNHPQSDQDQDGRQDVIDAVKSLNIDLIRYPGGNFVSG
FNWEDSIGPKSTRPTRLDLAWRSIETNQFGLHEFMKWTQKTGTRPDMAVNLGSRGIDAARNLVEYCNFSGGTYWS

DLRKQNGAEEPFNIKTWCLGNEMDGDWQIGHKTADEYGRLAHETAKVMRLVDPSIDLVVSGSSTREMATFGSWEE
TVLDHTYDDVDYLSLHRYDNEENDLANFLAKSIDFDEFISGIVAVCDVAVKARKHSHKTLNLALDEWNVWYHSHK
QDDETAPWQQAPHLLEDHYNFEDALMVGTMILITLLKHADRVKIACLAQLVNVIAPIMTDEHGIWLQSIFFPFLQI
SKYGRGIALTPQQTATTYDSKDFKDVPLYLDSLAVYNSENHEIVI FAENKGN TTMDFQTDLHDLNAQTVEATQFC
GYDIKQTNENQQMALHPNSNVHLSDNLTASLQPLSWNMFRLVHVT

- Literature:**
1. [Makarova *et al.* \(2006\) *Proc. Natl. Acad. Sci. U.S.A.* **103**, 15611-15616](#)