

Recombinant Enzyme Product Specification Sheet

Cat. No.:	PRO-E0202
LOT:	2008-0202
Activity:	α -L-Arabinofuranosidase
Synonyms:	α -N-Arabinofuranosidase; arabinofuranosidase; arabinosidase
Nomenclature:	α -L-Arabinofuranosidase GH51
Source organism:	<i>Mesorhizobium loti</i> MAFF303099
Enzyme Commission No.:	3.2.1.55
Activity:	-
Specific activity:	-
Purity:	-
Form and Storage:	-
pH optimum:	-
Temperature optimum:	-
[Protein]:	-
Sequence length:	501 amino acids (view sequence)
Accession No.:	BAB50453
Molecular weight:	58049.4 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](#)

MKARVTANAAYAIADIDKRLYGSFLEHLGRAVYVTGIYEPGHPQADAEGMRKDVIELVRLDTPICRYPGGNFVSA
YNWEDGIGPKENRPRRLDLAWRTTEPNLVGIHEFADWAEKAGTEMMLAVNLGSRGLDEARAFVEYVNHPPGGSYWS

DLRATNGRAQPWNCRLWCLGNEMDGPWQVGHKSASEYGHLANETAKALRGLDPTVELVVCSSSHSNMPTYPQWEA
TVLEATYEQVDYISLHMYFENYEKNTSEYLALPAKLDRYIGTVAGIIDYVKAKTRSKRDVKISFDEWNVVYHQRK
QDAERMGRGDWPEAPRLLEDIYNFEDVLQVGCINTFIRRSVVRACIAQLVNVIAPIMTDPGGGAWRQTIYWP
FMLASRHGRGTALQLAVEVPTYDAAAADKVPWLDIAGVHDSNAGTLTFFAINRHGAETIEADVALERFAAKSIEH
TIIRHDDLGACNTKDAPDTVSPVKNGAALS SKGMTLNLP PHSYSMVRVTL

Literature: 1. [Kaneko *et al.* \(2000\) *DNA Res.* 7, 331-338](#)