

Recombinant Enzyme Product Specification Sheet

Cat. No.:	PRO-E0321
LOT:	2008-0321
Activity:	α-Glucuronidase
Synonyms:	α-Glucosiduronase
Nomenclature:	Glucuronidase, GH67
Source organism:	<i>Opatutus terrae PB90-1</i>
Enzyme Commission No.:	3.2.1.139
Activity:	-
Specific activity:	-
Purity:	-
Form and storage:	-
pH optimum:	-
Temperature optimum:	-
[Protein]:	-
Sequence length:	730 amino acids (view sequence)
Accession No.:	ACB77588
Molecular weight:	82809.8 Da (theoretical)
	- (observed by SDS-PAGE)
	- (observed by mass spectrometry)
Biological function:	An α-D-glucuronoside + H ₂ O ⇌ an alcohol + D-glucuronate
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:

MRLPFVSI AAMAVALAAGSLLRADDGYRLWLRYDRVADESLRATYAAAFTEIALPAPTRPGFSLGSI EAA
RDELTTGLKGLLGVDLSTVSOPTRDGALLLGTAVRSPELAGLVSEADLRAASEEGYVIRPVI FAGKRCVL
VLGNRDVGVLYGAFALLRHVQLHEPIAGLNLSAPRIQRRLLNHWDLNGFVERGYAGQSLWRWFELPDI
VSPRYRDYARACASIGVNGTVLTVNVANALVLTPAYLQKVAALANVFRPYGIRVYLTARFSAPVEIGGLK
TADPLDPAVKQWWTDKVAEIYRIIPGFGGFLVKANSEGQPGPQAYGRNHADGANMLADALVPYGGIVMWR
AFVYDNNVPADRHTQGFSEFQPLDGQFRSNAIVQVKNGAIDFMPREPFHPLFGAMPQTPLALELQITQEY
LGQSMQLAFLGPLFEEVLDADTFRPNAGSTIAKIVDGSVDLHGISVIAGVANIGDDRNTGHPPLAQANWY
AYGRLAWDHQLTSAQIANEWTRLTFGNDSAVVQPI TSMLESHEAVVNYSMPLGLHHIMAEGHHYGPWP
VDQAGRADWTSVYYHRADANGVGFDRTKSGSNALAQYAPEIQNLWGNPATTPDNLLLWFHLLPWDYRMKS
GRPLWDEIALHYQSGVDTVRTWQKAWATLNGKMDDERFTHVKQLLARQEHDARVWRDACLLEYFQQFSKKP
LPAGVEPPEHPLDFYKAQQIHFAPGHPGAH

Literature:

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