

Xylosidases

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*Purified alkali stable xylanase from Aspergillus fischeri was immobilized...*4th October, 2008
Department of Genetics, School of Biological Sciences, Madurai Kamaraj- Bioresour Technol. 2008 Nov;99(16):7781-7. Epub 2008 Mar 14. ([DOI Direct Link](#))
- [A mechanism-based ICAT strategy for comparing relative expression and activity levels of glycosidases in biological systems.](#)
*An activity-based isotope-coded affinity tagging (AB-ICAT) strategy for...*3rd October, 2008
Department of Chemistry, University of British Columbia, Vancouver, BC,- J Proteome Res. 2008 Aug;7(8):3282-92. Epub 2008 Jun 19. ([DOI Direct Link](#))
- [Bifunctional xylanases and their potential use in biotechnology.](#)
*Plant cell walls are comprised of cellulose, hemicellulose and other...*1st October, 2008
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- [Response surface optimization of fermentation conditions for producing xylanase by Aspergillus niger SL-05.](#)
*Fermentation conditions were statistically optimized for producing...*1st October, 2008
College of Life Science, Shandong Agricultural University, Taian, 271000,- J Ind Microbiol Biotechnol. 2008 Jul;35(7):703-11. Epub 2008 Feb 29. ([DOI Direct Link](#))
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- [Purification and biochemical characterization of two xylanases from Aspergillus sydowii SBS 45.](#)
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- [Cell wall modifications in Arabidopsis plants with altered alpha-L-arabinofuranosidase activity.](#)
*Although cell wall remodeling is an essential feature of plant growth and...*4th September, 2008
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- [Bioethanol production from barley hull using SAA \(soaking in aqueous ammonia\) pretreatment.](#)

- Barley hull, a lignocellulosic biomass, was pretreated using aqueous...*14th August, 2008
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- [Structure of the two-subsite beta-d-xylosidase from Selenomonas ruminantium in complex with 1,3-bis\[tris\(hydroxymethyl\)methylamino\]propane.](#)
*The three-dimensional structure of the catalytically efficient...*7th August, 2008
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 - [Cloning, expression, and transglycosylation reaction of Paenibacillus sp. strain W-61 xylanase 1.](#)
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 - [The family 52 beta-xylosidase from Geobacillus stearothermophilus is a dimer: Structural and biophysical characterization of a glycoside hydrolase.](#)
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 - [Alternative strategy for converting an inverting glycoside hydrolase into a glycosynthase.](#)
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 - [CreA mediates repression of the regulatory gene xlnR which controls the production of xylanolytic enzymes in Aspergillus nidulans.](#)
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Xylosidases Patents:



- 6355461- [Non-aqueous, liquid, enzyme-containing compositions](#)
- 6689358- [Phytase variants](#)
- 6720014- [Phytase-containing foodstuffs and methods of making and using them](#)
- 6720165- [Methods for making antibody fragments and compositions resulting therefrom](#)
- 6764699- [Corn tortillas with improved texture retention using an enzyme blend in nixtamalized corn](#)

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- 6783968- [Methods for sterilizing preparations of glycosidases](#)
- 6855365- [Recombinant bacterial phytases and uses thereof](#)
- 6924133- [Spray dried enzyme product](#)
- 6933141- [Enzyme granulate](#)
- 7014875- [Continuous enzymatic precooking for the production of an instant corn flour for snack and tortilla](#)
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- 6685748- [Enzymatic bleaching of natural non-cotton cellulosic fibers](#)
- 6673763- [Particles for liquid compositions](#)
- 6638554- [Continuous production of an instant corn flour for arepa and tortilla, using an enzymatic precooking](#)
- 6403549- [Enzyme-containing granules and process for the production thereof](#)
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- 6569659- [Phytase polypeptides](#)
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- 6599745- [Method to isolate mutants and to clone the complementing gene](#)
- 6602843- [Enzyme containing granule](#)
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- 6617026- [Particles containing active in visco-elastic liquids](#)
- 7067252- [Method for genome mining for secreted protein genes](#)
- 7070820- [Coated particles containing an active](#)
- 7273736- [Method for preparing an enzyme containing granule](#)
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- 7317138- [Thermotolerant phytase for animal feed](#)
- 7326554- [Phytase variants](#)
- 7365180- [Plant wall degradative compounds and systems](#)
- 7405198- [Glycopegylated erythropoietin](#)
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- 7425528- [Stabilization of granules](#)
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- 7252983- [Microbially-expressed thermotolerant phytase for animal feed](#)
- 7238350- [Phytase polypeptides](#)
- 7220542- [Expression cloning in filamentous fungi](#)
- 7078035- [Phytases, nucleic acids encoding them and methods for making and using them](#)
- 7078194- [Methods and compositions for synthesis of oligosaccharides using mutant glycosidase enzymes](#)
- 7081563- [Thermotolerant phytase for animal feed](#)
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- 7138260- [Microbially-expressed thermotolerant phytase for animal feed](#)
- 7141717- [Thermotolerant phytase for animal feed](#)
- 7169595- [Thermotolerant phytase for animal feed](#)
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