

Active Recombinant β -Glucuronidase

Cat. No. GUSB-12E **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active β -Glucuronidase
Source	E.coli
Description	β -Glucuronidase (GUSB) is a lysosomal enzyme that catalyzes the hydrolysis of β -glucuronide residues as part of the sequential degradation of the glycosaminoglycans chondroitin sulfate, dermatan sulfate and heparan sulfate.
Source	E. coli
Form	Light white lyophilized powder
CAS No.	9001-45-0
Bio-Activity	Specific Activity: 28600 U/mg Protein Activity: 12467 U/mg solid
Unit Definition	One unit will liberate 1.0 μ g of phenolphthalein from phenolphthalein glucuronide per hr at 37 centigrade at the pH 6.8 (30 min assay).
Purity	$\geq 95\%$ by SDS-PAGE
Stability	At least one year
Storage	Store it at -20 centigrade. It is recommended that the protein be aliquoted for optimal

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storage. Avoid repeated freeze-thaw cycles.

Reconstitution This enzyme powder is PBS based buffer and reconstitute using H₂O.

GENE INFORMATION

Official Symbol GusA

Synonyms β -Glucuronidase; GusA; GUSB

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