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Datasheet for ABIN7482449

**Glucuronidase beta Protein (His tag)**

## Overview

Quantity:	100 µg
Target:	Glucuronidase beta (GUSB)
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This Glucuronidase beta protein is labelled with His tag.

## Product Details

Purpose:	Human beta-Glucuronidase/GUSB Protein, His Tag (active enzyme)
Sequence:	Leu 23 - Thr 651
Characteristics:	Human beta-Glucuronidase Protein, His Tag is expressed from human 293 cells (HEK293). It contains AA Leu 23 - Thr 651 (Accession # P08236).
Purity:	95 %
Endotoxin Level:	1.0 EU per µg

## Target Details

Target:	Glucuronidase beta (GUSB)
Alternative Name:	beta-Glucuronidase ( <a href="#">GUSB Products</a> )
Background:	Human beta -Glucuronidase (EC 3.2.1.31) encoded by the GUSB gene is a lysosomal hydrolase

## Target Details

involved in the stepwise degradation of glucuronic acid-containing glycosaminoglycans that include heparan sulfate, chondroitin sulfate and hyaluronan. The enzyme is only active on the glucuronic acid of the non-reducing end. The native protein has been reported as a tetrameric glycoprotein composed of identical subunits.

Molecular Weight: 74.5 kDa

Pathways: [Glycosaminoglycan Metabolic Process](#)

## Application Details

Comment: This protein carries a polyhistidine tag at the C-terminus. (10xHis) The protein has a calculated MW of 74.5 kDa. The protein migrates as 75-85 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

Restrictions: For Research Use only

## Handling

Format: Lyophilized

Buffer: 50 mM Tris, 150 mM NaCl, pH 7.5

Storage: -20 °C

Storage Comment: -20°C