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Datasheet for ABIN7505644

**Glucuronidase beta Protein (AA 1-651) (His tag)**

## Overview

Quantity:	100 µg
Target:	Glucuronidase beta (GUSB)
Protein Characteristics:	AA 1-651
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Glucuronidase beta protein is labelled with His tag.

## Product Details

Sequence:	Met1-Thr651
Characteristics:	A DNA sequence encoding the Human GUS $\beta$ protein (P08236) (Met1-Thr651) was expressed with a C-His.
Purity:	>95 % as determined by reducing SDS-PAGE.

## Target Details

Target:	Glucuronidase beta (GUSB)
Alternative Name:	Beta-glucuronidase ( <a href="#">GUSB Products</a> )
Background:	Background: Human beta -Glucuronidase (EC 3.2.1.31) encoded by the GUSB gene is a lysosomal hydrolase involved in the stepwise degradation of glucuronic acid-containing glycosaminoglycans that include heparan sulfate, chondroitin sulfate and hyaluronan. The enzyme is

### Target Details

	Synonym: Beta-glucuronidase, EC 3.2.1.31, Beta-G1, GUSB
Molecular Weight:	71.5 kDa
UniProt:	<a href="#">P08236</a>
Pathways:	<a href="#">Glycosaminoglycan Metabolic Process</a>

### Application Details

Restrictions:	For Research Use only
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### Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Expiry Date:	12 months