

## Recombinant Human GUSB Protein, His-tagged

Cat. No. GUSB-8636H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human GUSB Protein(P08236)(Leu 23 - Thr 651), fused with C-terminal His tag, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	23-651 aa
<b>Source</b>	HEK293
<b>Species</b>	Human
<b>Tag</b>	C-His
<b>Form</b>	Lyophilized from 0.22 $\mu$ m filtered solution in 50 mM Tris, 150 mM NaCl, pH7.5 with trehalose as protectant.
<b>Bio-activity</b>	Measured by its ability to hydrolyze 4-methylumbelliferyl-beta -D-glucuronide. The specific activity is >3500 pmol/min/ $\mu$ g.
<b>Molecular Mass</b>	The protein has a calculated MW of 74.5 kDa.
<b>Endotoxin</b>	Less than 1.0 EU per $\mu$ g by the LAL method.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Purity</b>	>95% as determined by SDS-PAGE.
<b>Storage</b>	Please avoid repeated freeze-thaw cycles. This product is stable after storage at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

<b>Gene Name</b>	GUSB glucuronidase, beta [ Homo sapiens ]
<b>Official Symbol</b>	GUSB
<b>Synonyms</b>	GUSB; glucuronidase, beta; beta-glucuronidase; beta-G1; beta-D-glucuronidase; BG; MPS7; FLJ39445
<b>Gene ID</b>	2990
<b>mRNA Refseq</b>	NM_000181
<b>Protein Refseq</b>	NP_000172
<b>MIM</b>	611499
<b>UniProt ID</b>	P08236

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA