

Recombinant Human GUSB Protein, His-tagged

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

SPECIFICATION

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

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

Email: info@creative-biomart.com Fax: 1-631-938-8127

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

Purity	>95% as determined by SDS-PAGE.
Storage	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.
Reconstitution	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

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

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