

Active Recombinant Human GUSB, His-tagged

Cat. No. GUSB-179H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GUSB (Accession # AAA52561) Met1-Thr651, fused with a C-terminal 6-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Human
Source	Mammalian Cells
ProteinLength	1-651 a.a.
Predicted N Terminal	Leu23
Form	Supplied as a 0.2 µ filtered solution in Tris and NaCl.
Bio-activity	Measured by its ability to hydrolyze 4-methylumbelliferyl-beta -D-glucuronide. The specific activity is >4,000 pmol/min/µg, as measured under the described conditions. See Activity Assay Protocol on www.RnDSystems.com .
Molecular Mass	Recombinant Human GUSB, His-tagged has a calculated MW of 73 kDa. In SDS-PAGE migrates as 75-85 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by Colloidal Coomassie® Blue stain at 5 µg per lane.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3

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months (-70°C).

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
Chromosome Location	7q11.21

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