

Recombinant Rat Gusb protein, His-tagged

Cat. No. Gusb-6930R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Gusb aa. (Val440~Phe648) fused with N-terminal His tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Val440~Phe648
Description	Catalyzes the conversion of a beta-D-glucuronoside and H ₂ O to an alcohol and D-glucuronate.
Form	Freeze-dried powder
Molecular Mass	27kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 8.4.
Applications	SDS-PAGE; WB; ELISA; IP; CoIP; Reporter Assays; Purification; Amine Reactive Labeling.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Concentration	200ug/mL
Storage buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	Gusb glucuronidase, beta [Rattus norvegicus (Norway rat)]
Official Symbol	Gusb
Synonyms	Gusb; glucuronidase, beta; Gus-s; Ac2-223; beta-glucuronidase
Gene ID	24434
mRNA Refseq	NM_017015.2
Protein Refseq	NP_058711.2
UniProt ID	P06760

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