

Glucuronidase Beta (GUSb) Recombinant Protein | GUSb recombinant protein

Recombinant Glucuronidase Beta (GUSb)

CATALOG # AAA134291	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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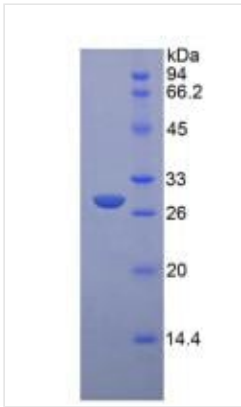
PRODUCT SYNONYMS

Glucuronidase Beta (GUSb); Recombinant Glucuronidase Beta (GUSb); GUSb recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in PBS,pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Sequence	Thetargetp roteinisfu sedwithtwo N-terminal Tags,His-t agandT7-ta g,itsseque nceisliste dbelow. MGSSHHHHH HSSGLVPRGS HMASMTGGQQ MGRGSEF-VM WSVANEPVSS LKPAGYYFKT LIAHTKALDP TRPVTFSNT RYDADMGAPY VDVICVNSYL SWYHDYGHLE VIQLQLTSQF ENWYKMYQKP IIQSEYGADA VSLGHEDPPR MFSEEQYTAL LENYHLILDE KRKEYVIGEL IWNFADFMTN QSPLRVGTGNK KGIFTRQRNP KMAAFILRER YWRIANETRG YGSVPRTQCM GSRPFTF
Sequence Length	648
Applicable Applications for GUSb recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Rattus norvegicus (Rat)
Expression System	Prokaryotic expression
Residues	Val440~Phe648 (Accession # P06760) with two N-terminal Tags, His-tag and T7-tag
Subcellular Location	Lysosome.
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Predicted Isoelectric Point	8.4
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the targetprotein. The loss rate was determined by accelerated thermal degradation test,that is, incubate the protein at 37 degree C for 48h, and no obvious degradation andprecipitation were observed. (Referring from China Biological Products Standard,which was calculated by the Arrhenius equation.) The loss of this protein is lessthan 5% within the expiration date under appropriate storage condition.

IMAGES



Sequence

DECPGVGIVL PQSFGNVSLR HHLEVMDELV RRDKNHPAVV MWSVANEPVS I
SLKPAGYYFK TLIAHTKALD PTRPVTFVSN TRYDADMGAP YVDVICVNSY
LSWYHDYGH L EVIQLQLTSQ FENWYKMYQK PIIQSEYGAD AVSGLHEDPP
RMFSEELYTA LLENYHLILD EKRKEYVIGE LIWNFADFMT NQSPLRV TGN
KKGIFTRQRN PKMAAFILRE RYWRIANETR GYGSVPR TQC MGSRPFTF

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	158303310
NCBI GeneID	24434
NCBI Accession #	NP_058711.2
NCBI GenBank Nucleotide #	NM_017015.2
UniProt Accession #	P06760
Molecular Weight	28.2kDa
NCBI Official Full Name	beta-glucuronidase
NCBI Official Synonym Full Names	glucuronidase, beta
NCBI Official Symbol	Gusb
NCBI Official Synonym Symbols	Gus-s; Ac2-223
NCBI Protein Information	beta-glucuronidase
UniProt Protein Name	Beta-glucuronidase
UniProt Gene Name	Gusb
UniProt Synonym Gene Names	Gus
UniProt Entry Name	BGLR_RAT

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/gusb-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/134291>