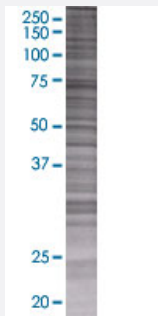


GUSB 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00002990-T01

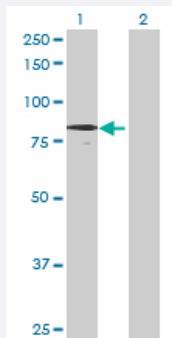
Size 100 uL

Applications



SDS-PAGE Gel

GUSB transfected lysate.



Western Blot

Lane 1: GUSB transfected lysate (71.72 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-GUSB full-length

Host Human

Theoretical MW (kDa) 71.72

Quality Control Testing Transient overexpression cell lysate was tested with Anti-GUSB antibody ([H00002990-B01](#)) by Western Blots.
 SDS-PAGE Gel
 GUSB transfected lysate.
 Western Blot
 Lane 1: GUSB transfected lysate (71.72 KDa)
 Lane 2: Non-transfected lysate.

Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — GUSB

Entrez GeneID	2990
GeneBank Accession#	NM_000181.1
Protein Accession#	NP_000172.1
Gene Name	GUSB
Gene Alias	FLJ39445, MPS7
Gene Description	glucuronidase, beta
Omim ID	253220 611499
Gene Ontology	Hyperlink
Gene Summary	The GUSB gene encodes beta-glucuronidase (EC 3.2.1.31), a lysosomal hydrolase involved in the stepwise degradation of glucuronic acid-containing glycosaminoglycans (Shipley et al., 1993 [PubMed 7680524]). It is a tetrameric glycoprotein composed of identical subunits (Oshima et al., 1987 [PubMed 3468507]). The GUSB gene is mutated in mucopolysaccharidosis type VII (MPS7; MIM 253220).[supplied by OMIM]
Other Designations	-

Pathway

- [Drug metabolism - other enzymes](#)
- [Glycosaminoglycan degradation](#)
- [Lysosome](#)
- [Metabolic pathways](#)

- [Pentose and glucuronate interconversions](#)
- [Porphyrin and chlorophyll metabolism](#)
- [Starch and sucrose metabolism](#)

Disease

- [Mucopolysaccharidosis VII](#)