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Diagnostik & molekulare Diagnostik



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Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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GUSB 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00002990-T01

規格 : [100 uL]

List All

Specification

Transfected Cell Line: 293T

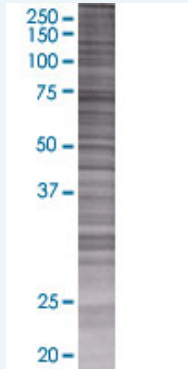
Plasmid: pCMV-GUSB full-length

Host: Human

Theoretical MW (kDa): 71.72

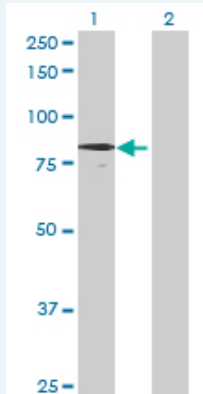
Quality Control Testing: Transient overexpression cell lysate was tested with Anti-GUSB antibody (H00002990-B01) by Western Blots.

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.

MSDS:  [Download](#)

Applications

Western Blot

Gene Information

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 (Shiple 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: -

Gene Pathway

[Drug metabolism - other enzymes](#) [Glycosaminoglycan degradation](#) [Lysosome](#)
[Metabolic pathways](#) [Pentose and glucuronate interconversions](#)
[Porphyrin and chlorophyll metabolism](#) [Starch and sucrose metabolism](#)

Related Disease

[Mucopolysaccharidosis VII](#)