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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

GUSB (Human) Recombinant Protein (P01)

Catalog Number: H00002990-P01

Regulation Status: For research use only (RUO)

Product Description: Human GUSB full-length ORF (AAH14142.1, 22 a.a. - 651 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

GLQGGMLYPQESPSRECKELDGLWSFRADFSNRRR
GFEEQWYRRPLWESGPTVDMPVPSSFNDISQDWRLR
HFVGVVWYEREVILPERWTQDLRTRVVLRIGSAHSYA
IVWVNGVDTLEHEGGYLPFEADISNLVQVGPLPSRLRI
TIANNTLPTTLPPGTIQYLTDTSKYPKGYFVQNTYFD
FFNYAGLQRSVLLYTTPTTYIDDITVTTTSVEQDGLVNY
QISVKGSNLFKLEVRLLDAENKVVANGTGTQGQLKVP
GVSLWWPYLMHERPAYLSLEVQLTAQTSLGPVSDFY
TLPVGIRTVAVTKSQFLINGKPFYFHGVNKHEDADIRG
KGFDPVLLVKDFNLLRWLGANAFRTSHYPYAEVVMQ
MCDRYGIVVIDECPVGLALPQFFNNVSLHHMQVME
EVRDRDNHPAVVMWSVANEPASHLESAGYYLKMVIA
HTKSLDPSRPVTFVSNSNYAADKGAPYVDVICLNSYYS
WYHDYGHLELIQLQLATQFENWYKQKPIIQSEYGAE
TIAGFHQDPPLMFTEEYQKSLLEQYHLGLDQKRRKYV
VGELIWNFADFMTQSPTRVLGNKKGIFTRQRQPKSA
AFLLRERYWKIANETRYPHSVAKSQCLENSLFT

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 94.82

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 2990

Gene Symbol: GUSB

Gene Alias: FLJ39445, MPS7

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 (Shibley 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]