

Product Datasheet

Recombinant Human beta-Glucuronidase/GUSB His Protein

NBP2-59539-5ug

Unit Size: 5 ug

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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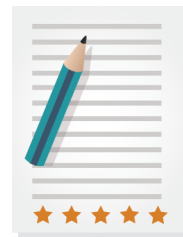
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NBP2-59539-5ug**Recombinant Human beta-Glucuronidase/GUSB His Protein**

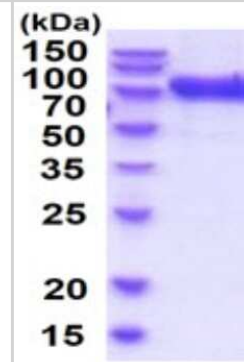
Product Information	
Unit Size	5 ug
Concentration	0.25 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Preservative	No Preservative
Purity	>90%, by SDS-PAGE
Buffer	PBS (pH 7.4), 10% glycerol
Target Molecular Weight	73.4 kDa

Product Description	
Description	A bioactive recombinant protein with a C-Terminal His-tag and corresponding to the amino acids 23-651 of Human beta-Glucuronidase/GUSB Source:<i>Baculovirus</i> Amino Acid Sequence: LQGGMLYPQE SPSRECKELD GLWSFRADFS DNRRRGFEEQ WYRRPLWESG PTVDMVPVSS FNDISQDWRL RHFVGWVWYE REVILPERWT QDLRTRVLR IGSASHYAIV WVNGVDTLEH EGGYLPFEAD ISNLVQVGPL PSRLRITIAI NNTLTPTTLP PGTIQYLTDT SKYPKGYFVQ NTYFDFFNIA GLQRSVLLYT TPTTYIDDIT VTTSVEQDSG LVNYQISVKG SNLFKLEVRL LDAENKVVAN GTGTQGQLKV PGVSLWWPYL MHERPAYLYS LEVQLTAQTS LGPVSDFYTL PVGIRTVAVT KSQFLINGKP FYFHGVNKHE DADIRGKGFD WPLLVKDFNL LRWLGANAFR TSHYPYAEV MQMCDRYGIV VIDECPGVGL ALPQFFNNVS LHHHMQVMEE VVRDKNHPA VVMWSVANEP ASHLESAGYY LKMVIAHTKS LDPSRPVTFV SNSNYAADKG APYVDVICLN SYYSWYHDYG HLELIQLQLA TQFENWYKKY QKPPIQSEYG AETIAGFHQD PPLMFTEYQ KSLLEQYHLG LDQKRRKYVV GELIWNFADF MTEQSPTRVL GNKKGIFTRQ RQPKSAAFL RERYWKIANE TRYPHSVAKS QCLENSLFTH HHHHH
Gene ID	2990
Gene Symbol	GUSB
Species	Human
Details of Functionality	Specific activity is > 1600 pmol/min/ug and is defined as the amount of enzyme that hydrolyze 1.0 pmole of 4-Methylumbelliferone to 4-Methylumbelliferyl-beta-D-glucosiduronic acid per minute at 37C and pH3.5
Endotoxin Note	< 1.0 EU per 1 microgram of protein (determined by LAL method)

Product Application Details	
Applications	SDS-Page, Enzyme Activity
Recommended Dilutions	SDS-Page, Enzyme Activity

Images

SDS-Page: Recombinant Human beta-Glucuronidase/GUSB Protein
[NBP2-59539] - 15% SDS-PAGE (3ug)



15% SDS-PAGE (3ug)



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Limitations

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