

Recombinant Mouse Gba protein, His-SUMO-tagged

Cat. No. Gba-2946M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Gba protein(P17439)(20-515aa), fused to N-terminal His tag and SUMO tag, was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	20-515aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	71.5 kDa
AA Sequence	AQPCIPKSFGYSSVVCVCNASYCDSLDPVTLPALGTFSTRYESTRRGRRMELSVGAIQ ANRTGTGLLLTLQPEKKFQKVKGFGGAMTDATLNILALSPPTQKLLRSYFSTNGIE YNIIRVPMASCDIFSIRVYTYADTPNDFQLSNFSLPEEDTKLKIPLIHQALKMSSRPISLF ASPWTSPTWLKTNGRVNGKGS LKGQPGDIFHQ TWANYFVKFLDAYAKYGLRFWAV TAENEPTAGLFTGYPFQCLGFTPEHQ RDFS RDLGPALANSSHDVKLLMLDDQRLLL PRWAEVVLSDPEAAKYVHGIAVHWYMDFLAPAKATLGETHRLFPNTMLFASEACVG SKFWEQSVRLGSDWRGMQYSHSIITNLLYHVTGWTDWNLALNPEGGPNWVRNFV DSPIIVDIPKDAFYKQPMFYHLGHFSKFIPEG SQRVALVASESTDLETVALLRPDGSA VVVVLNRSSDVPLTISDPDLGFLETVSPGYSIHTYLWRRQ

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Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

GENE INFORMATION

Gene Name	Gba glucosidase, beta, acid [<i>Mus musculus</i>]
Official Symbol	Gba
Synonyms	GBA; glucosidase, beta, acid; glucosylceramidase; glucocerebrosidase; acid beta glucosidase; acid beta-glucosidase; beta-glucocerebrosidase; D-glucosyl-N-acylsphingosine glucohydrolase; GC; GBA1; GLUC; GCase; betaGC;
Gene ID	14466
mRNA Refseq	NM_001077411
Protein Refseq	NP_001070879

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