



Recombinant Human Lysosomal acid glucosylceramidase (GBA1)

Product Code	CSB-MP009289HU
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P04062
Storage Buffer	Lyophilized from Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Product Type	Recombinant Proteins
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	A RPCIPKSFGY SSVVCVCNAT YCDSFDPPTF PALGTFSRYE STRSGRRMEL SMGPIQANHT GTGLLLTLQP EQKFQKVKG F GGAMTDAAAL NILALSPPAQ NLLLKSYFSE EGIGYNIIRV PMASCD FSIR TYTYADTPDD FQLHNFSLPE EDTKLKIPLI HRALQLA QRP VSLASP WTS PTWLKTNGAV NGKGS LKGQP GDIYHQTWAR YFVKFLDAYA EHKLQFWAVT AENEPSAGLL SGYPFQCLGF TPEHQ RDFIA RDLGPTLANS THHNVRLLML DDQRLLLPHW AKVVLTDPEA AKYVHGI AVH WYLD FLAPAK ATLGETHRLF PNTMLFASEA CVGSKFWEQS VRLGSWDRGM QYSHSIITNL LYHVVGWTDW NLALNPEGGP NWVRNFVDSP IVDITKDTF YKQPMFYHLG HFSKFIPEGS QRVGLVASQK NDLDAVALMH PDGSAVVVVL NRSSKDVPLT IKDPAVG FLE TISPGYSIHT YLWRRQ
Source	Mammalian cell
Target Names	GBA1
Protein Names	Recommended name: Glucosylceramidase EC= 3.2.1.45 Alternative name(s): Acid beta-glucosidase Alglucerase Beta-glucocerebrosidase D-glucosyl-N-acylsphingosine glucohydrolase Imiglucerase
Expression Region	40-536
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. 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%. Customers could use it as reference.



Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.