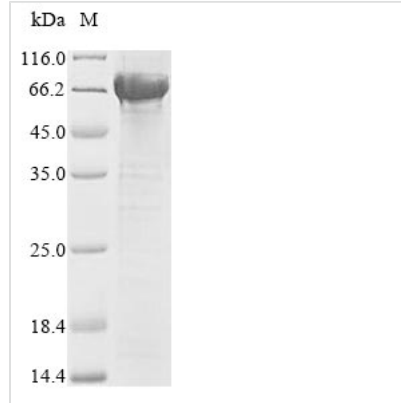


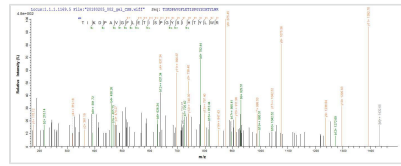


Recombinant Human Lysosomal acid glucosylceramidase (GBA1)

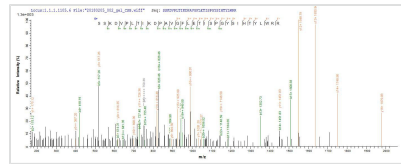
Product Code	CSB-EP009289HU
Abbreviation	Recombinant Human GBA protein
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P04062
Storage Buffer	Tris-based buffer,50% glycerol
Product Type	Recombinant Proteins
Immunogen Species	Homo sapiens (Human)
Purity	≥ 85% as determined by SDS-PAGE.
Sequence	ARPCIPKSFGYSSVVCVCNATYCDSFDPPTFPALGTFSTRYESTRSGRRMELS MGPIQANHTGTLLLLTLQPEQKFQKVKGFGGAMTDAAALNILALSPPAQNLLL KSYFSEEGIGYNIIRVPMASCDIFSIRTYTYADTPDDFQLHNFSLPEEDTKLKIPLI HRALQLAQRPVSLASPWTSPTWLKTNGAVNGKGS�KGQPGDIYHQTWARY FVKFLDAYAEHKLQFWAVTAENEPSAGLLSGYPFQCLGFTPEHQRDFIARDLG PTLANSTHHNVRLMLDDQRLLLPHWAKVVLTDPAAKYVHGIAVHWYLDFLA PAKATLGETHRLFPNTMLFASEACVGSKFWEQSVRLGSWDRGMQYSHSIITN LLYHVVGWTDWNLALNPEGGPNWVRNFVDSPIIVDITKDTFYKQPMFYHLGHF SKFIPEGSQRVGLVASQKNDLDAVALMHPDGSAVVVVLNRSSKDVPLTIKDPA VGFLETISPGYSIHTYLWRRQ
Research Area	Neuroscience
Source	E.coli
Target Names	GBA1
Protein Names	Recommended name: Glucosylceramidase EC= 3.2.1.45Alternative name(s): Acid beta-glucosidase Alglucerase Beta-glucocerebrosidase D-glucosyl-N- acylsphingosine glucohydrolase Imiglucerase
Expression Region	40-536aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 10xHis-SUMO-tagged and C-terminal Myc-tagged
Mol. Weight	75.6 kDa
Protein Length	Full Length of Mature Protein
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.



Based on the SEQUEST from database of E.coli host and target protein, the LC-MS/MS Analysis result of CSB-EP009289HU could indicate that this peptide derived from E.coli-expressed Homo sapiens (Human) GBA.



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Shelf Life

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