Datasheet for ABIN1675953

GBA Protein (AA 40-536) (His tag)

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Overview

Quantity:	1 mg
Target:	GBA
Protein Characteristics:	AA 40-536
Origin:	Pig
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This GBA protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	A RPCSPKSFGY SSVVCVCNAT YCDSLDPLTL PDPGTFSRFE STRSGRRMEL SLGTFQANRT SKGLLLTLQP DQKFQKVKGF GGAMTDAAAL NILALSPQAR NLLLKSYFSE EGIEYNIIRV PMASCDFSIR IYTYADTPDD FQLLNFSLPE EDVKLKIPLI HQALKMAQRP VSLFASPWTS PTWLKTNGAV NGKGTLKGHP GDRYHQTWAK YFVKFLDAYA EHNLHFWAVT AENEPSAGLF TGYPFQCLGF TPEHQRDFIA RDPGPTLANS THRNVRLLML DDQRLLLPHW AQVVLADPEA AKYVHGIAVH WYLDFLAPAK ATLGETHRLF PNTMLFASEA CVGSKFWEQS VRLGSWDRGV QYSHSIITNL LYHVVGWTDW NLALNPEGGP NWVRNFVDSP IIVDISKDTF YKQPMFYHLG HFSKFIPEGS QRVGLAASEK NNLDTVALLR PDGSAVVVVL NRSSKDVPLT IKDPALGFLE TISPSYSIHT YLWHRK
Specificity:	Sus scrofa (Pig)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien cells or by baculovirus infection. Be aware about differences in price and lead time.

Product Details

Purity:	> 90 %

Target Details

Target:	GBA
Alternative Name:	Glucosylceramidase (GBA) (GBA Products)
Background:	Recommended name: Glucosylceramidase. EC= 3.2.1.45. Alternative name(s): Acid beta-glucosidase Beta-glucocerebrosidase D-glucosyl-N-acylsphingosine glucohydrolase
UniProt:	Q70KH2
Pathways:	Cellular Glucan Metabolic Process

Application Details

Comment:	The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modificated such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Concentration:	0.2-2 mg/mL
Buffer:	Tris-based buffer, 50 % glycerol
Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week

Handling

Storage:	-20 °C
Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.