

Datasheet for ABIN7588234

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



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Overview

Quantity:	100 µg
Target:	GBA
Protein Characteristics:	AA 40-536
Origin:	Cow
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This GBA protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	A RPCSPKSFGY SSVVCVCNGT YCDSLDPLTL PDPGTFSRFE STRSGRRMEL SLGTIQANRT GTGLLLTLQP DQKFQKVKGK GGAMTDAAAL NILALSPAAR NLLLKSYFSE EGIEYNIIRV PMASCDFSIR TYTYDDSPDD FQLLNFSLPE EDVKLKIPLI HQALELANRS VSLFASPWTS PTWLKTNGAV NGKGTLKGQA GDLYHKTWAR YFVKFLDAYA EHKLRFWAVT AENEPTAGLL TGYPFQCLGF TPEHQRFIA RDLGPILANS THRDVRLML DDQRLLLPWV AQVVLADPEA AKYVHGIAPH WYLDLAPAK ATLGETHRLF PNTMLFASEA CVGSKFWEQS VRLGSWDRGM RYSHSIITNL LYHVVGWTDW NLALNPEGGP NWVRNFVDSP IVDIAKDTF YKQPMFYHLG HFSKFIPEGV QRVGLVASKK SLDLTVALLR PDGSAVAVVL NRSSKDVPLT IKDPAVGFMV TVSPGYSIHT YLWRRQ
Specificity:	Bos taurus (Bovine)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian 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: [Q2KHZ8](#)

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 modified 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.