Datasheet for ABIN1461837

GBA3 Protein (AA 1-469) (His tag)

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Overview

Quantity:	1 mg
Target:	GBA3
Protein Characteristics:	AA 1-469
Origin:	Guinea Pig
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This GBA3 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MAFPADLVGG LPTAAYQVEG GWDADGRGPC VWDTFTHQGG ERVFKNQTGD VACGSYTLWE EDLKCIKQLG LTHYRFSISW SRLLPDGTTG FINQKGVDYY NKIIDDLLTN GVTPVVTLYH FDLPQALEDQ GGWLSEAIIE VFDKYAQFCF STFGNRVRQW ITINEPNVLC AMGYDLGFFA PGVSQIGTGG YQAAHNMIKA HARAWHSYDS LFREKQKGMV SLSLFCIWPQ PENPNSVLDQ KAAERAINFQ FDFFAKPIFI DGDYPELVKS QIASMSEKQG YPSSRLSKFT EEEKKMIKGT ADFFAVQYYT TRFIRHKENK EAELGILQDA EIELFSDPSW KGVGWVRVVP WGIRKLLNYI KDTYNNPVIY ITENGFPQDD PPSIDDTQRW ECFRQTFEEL FKAIHVDKVN LQLYCAWSLL DNFEWNDGYS KRFGLFHVDF EDPAKPRVPY TSAKEYAKII RNNGLERPQ
Specificity:	Cavia porcellus (Guinea 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:	GBA3
Alternative Name:	Cytosolic beta-glucosidase (Gba3) (GBA3 Products)
Background:	Recommended name: Cytosolic beta-glucosidase. EC= 3.2.1.21
UniProt:	P97265

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