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Datasheet for ABIN1475559

CHGB Protein (AA 21-675) (His tag)

Overview

Quantity:	1 mg
Target:	CHGB
Protein Characteristics:	AA 21-675
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This CHGB protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	APVDNRDHNE EMVTRCIEV LSNALSKSSA PTITPECRQV LRKSGKEVKG EEKGENENSK FEVRLLRDPS DASVGRWASS REETGAPVED SPGQAKVDNE EWTGGGGHSR EAVDDQESLH PSNQVSKEA KIRHSEERG KEEEEEGKI YPKGEHRGDA GEEKKHTES GEKHNAFSNK RSEASAKKKE ESVARAEAHF VELEKTHSRE QSSQESGEET RRQEKQPQLP DQDQSEEESE EGEEGEEGAT SEVTKRRPRH HHWRSQSNKP SYEGRRPLSE ERKHAAGESK DANVATANLG EKRGHHLAHY RASEEPPDYG EELRSYPGFQ APQGLQYQGR GSEEVRAESP RSEESQEKEY KRNHPDSELE STANRHSEET EEERSYEGAK GRQHRGRGRE PGAYPALDSR QEKRLLEDGH DPVHESPVDT AKRYPQSKWQ EQEKNYLNYD EEGDQGRWWQ QEEQLEPEES REEVSFDPDRQ YAPYPTTEKR KRLGALFPY FDPLQWKNSD FEKKGNPDDS FLDDDGEDGN GVTMTEKNFF PEYNYDWWK RPFSENVNWG YEKRSFARAP HLDLKRQYDD GVAELDQLLH YRKKAEEFPD FYDSEEQMGP HQEADEKDR ADQRVLTTEE KKELENLAAM DLELQKIAEK FSQRG
Specificity:	Rattus norvegicus (Rat)

Product Details

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.
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Purity:	> 90 %
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Target Details

Target:	CHGB
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Alternative Name:	Secretogranin-1 (Chgb) (CHGB Products)
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Background:	<p>Recommended name: Secretogranin-1.</p> <p>Alternative name(s): Chromogranin-B.</p> <p>Short name= CgB Glucagonoma peptide Secretogranin-I.</p> <p>Short name= Sgl Cleaved into the following 2 chains: 1.</p> <p>CCB peptide short form 2.</p> <p>CCB peptide long form</p>
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UniProt:	O35314
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Application Details

Comment:	<p>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.</p>
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Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
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Concentration:	0.2-2 mg/mL
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Buffer:	Tris-based buffer, 50 % glycerol
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Handling

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.