Datasheet for ABIN7583862

Chromogranin A Protein (CHGA) (AA 19-449) (His tag)

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Overview

Quantity:	100 µg
Target:	Chromogranin A (CHGA)
Protein Characteristics:	AA 19-449
Origin:	Cow
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This Chromogranin A protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	LP VNSPMNKGDT EVMKCIVEVI SDTLSKPSPM PVSKECFETL RGDERILSIL RHQNLLKELQ DLALQGAKER THQQKKHSSY EDELSEVLEK PNDQAEPKEV TEEVSSKDAA EKRDDFKEVE KSDEDSDGDR PQASPGLGPG PKVEEDNQAP GEEEEAPSNA HPLASLPSPK YPGPQAKEDS EGPSQGPASR EKGLSAEQGR QTEREEEEEK WEEAEAREKA VPEEESPPTA AFKPPPSLGN KETQRAAPGW PEDGAGKMGA EEAKPPEGKG EWAHSRQEEE EMARAPQVLF RGGKSGEPEQ EEQLSKEWED AKRWSKMDQL AKELTAEKRL EGEEEEEEDP DRSMRLSFRA RGYGFRGPGL QLRRGWRPNS REDSVEAGLP LQVRGYPEEK KEEEGSANRR PEDQELESLS AIEAELEKVA HQLEELRRG
Specificity:	Bos taurus (Bovine)
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:	Chromogranin A (CHGA)
Alternative Name:	Chromogranin-A (CHGA) (CHGA Products)
Background:	Recommended name: Chromogranin-A. Short name= CgA. Alternative name(s): Pituitary secretory protein I. Short name= SP-I Cleaved into the following 6 chains: 1. Vasostatin-1 2. Chromostatin 3. Chromacin 4. Pancreastatin 5. WE-14 6. Catestatin
UniProt:	P05059
Pathways:	Negative Regulation of Hormone Secretion, cAMP Metabolic Process, Regulation of G-Protein Coupled Receptor Protein Signaling

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.