Datasheet for ABIN1658827

Chromogranin A Protein (CHGA) (AA 19-448) (His tag)

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Overview

Quantity:	1 mg
Target:	Chromogranin A (CHGA)
Protein Characteristics:	AA 19-448
Origin:	Horse
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This Chromogranin A protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	LP VNSPMDTGDT EVMKCIVEVI SDTLSKPSPV PVSQECFETL RGDERILSIL RHQNLLKELQ DLALQGAKER APQQKHSRLE DELAEVLEKQ NHQAELKEVT EEALSEDAAE ARGDSKEVEE NGEDADGARP QAALEPEQES RVEDAQAPGE EKEAINTHSP TRLPSQKHPD PQAEGDSDSP SQGLVDREKG LGAERGQQAK REEEEDEAGE KADAEEEGPT AAFNPHPSLS YKIRKGESWS EALVVDGARK TGAEEAQPPE GQGEREHSRQ EEEEEEETAG ASRGLFRGGK SRELEQEKEQ ERLSKEWEDA KRWSKMDQLA KELTAEKRLE GEDEEEDDPD RSMKLSFRAR AYGFRGPGLQ LRRGWRPSSR EDSIEAGLPP PVRGYPEEKK EEEGSANRRP EDQELESLSA IEAELEKVAH QLQALRRG
Specificity:	Equus caballus (Horse)
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 Cleaved into the following 2 chains: 1. Pancreastatin 2. WE-14
UniProt:	Q9XS63
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

Handling

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