

Datasheet for ABIN7583863

Chromogranin A Protein (CHGA) (AA 19-466) (His tag)



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Overview

Quantity:	100 µg
Target:	Chromogranin A (CHGA)
Protein Characteristics:	AA 19-466
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This Chromogranin A protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	LP VNSPMTKGDT KVMKCVLEVI SDSLSKPSPM PVSPECLETL QGDERVLSIL RHQNLLKELQ DLALQGAKEA AQQQQQQQQQ QQQQQQQQQQ QHSSFEDELS EVFENQSPAA KHGDAASEAP SKDTEKRED SDKGQQDAFE GTTEGPRPQA FPEPKQESSM MGNSQSPGED TANNTQSPTS LPSQEHGIPQ TTEGSESGPS AQQQARKAKQ EEEEEEEEEK EEEEEKEEK AIAREKAGPK EVPTAASSSH FYSGYKKIQK DDDGQSESQA VNGKTGASEA VPSEGKGELE HSQQEEDGEE AMAGPPQGLF PGGKGQELER KQEEEEEEEE RLSREWEDKR WSRMDQLAKE LTAEKRLGE DDPDRSMKLS FRARAYGFRD PGPQLRRGWR PSSREDSVEA RGDFEKKKEE EGSANRRAED QELESLSAIE AELEKVAHQL QALRRG
Specificity:	Rattus norvegicus (Rat)
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: Chromogranin A (CHGA)

Alternative Name: Chromogranin-A (Chga) ([CHGA Products](#))

Background: Recommended name: Chromogranin-A.
Short name= CgA Cleaved into the following 3 chains: 1.
Pancreastatin 2.
Beta-granin 3.
WE-14

UniProt: [P10354](#)

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 modiflicated 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

Handling

one week

Storage: -20 °C

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