

Datasheet for ABIN7583763

CBS Protein (AA 2-561) (His tag)



[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	CBS
Protein Characteristics:	AA 2-561
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This CBS protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	PSGTSQCED GSAGCPQDLE VQPEKGQLEK GASGDKERVW ISPDTPSRCT WQLGRPMADS PHYHTVPTKS PKILPDILRK IGNTPMVRIN RISKNAGLKC ELLAKCEFFN AGGSVKDRIS LRMIEDAERA GTLPGDTII EPTSGNTGIG LALAAVKG Y RCIIVMPEKM SMEKVDVLRA LGAEIVRTPT NARFDSPE SH VGVAVRLKNE IPNSHILDQY RNASNPLAHY DDTAEELQQ CDGKVDMLVA SAGTGGTITG IARKLKEKCP GCKIIGVDPE GSILAEPEEL NQTEQTAYEV EGIGYDFIPT VLDRVVDRW FKSNDSDSFA FARMLISQEG LLCGGSSGSA MAVAVKAAQE LKEGQRCVVI LPDSVRNYMS KFLSDKWMLQ KGFMKEELSV KRPWWWHLRV QELSLSAPLT VLPTVTCEHT IAILREKGF D QAPVWNEGA ILGMVTLGNM LSSLLAGKVR PSDEVCKVLY KQFKPIHLTD TLGMLSHILE MDHFALVHE QIQSRDQAWS GVVGGPTDRN NGVSSKQLMV FGVVTAILLL NFVAAREQTR K
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian

Product Details

cells or by baculovirus infection. Be aware about differences in price and lead time.

Purity: > 90 %

Target Details

Target: CBS

Alternative Name: Cystathionine beta-synthase (Cbs) ([CBS Products](#))

Background: Recommended name: Cystathionine beta-synthase.
EC= 4.2.1.22.
Alternative name(s): Beta-thionase Hemoprotein H-450 Serine sulfhydrase

UniProt: [P32232](#)

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 one week

Storage: -20 °C

Handling

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