Datasheet for ABIN1472317

DDC Protein (AA 1-486) (His tag)

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Overview

Quantity:	1 mg
Target:	DDC
Protein Characteristics:	AA 1-486
Origin:	Pig
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This DDC protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MNASDFRRRG KEMVDYMADY LEGIEGRQVY PDVQPGYLRP LIPATAPQEP DTFEDILQDV EKIIMPGVTH WHSPYFFAYF PTASSYPAML ADMLCGAIGC IGFSWAASPA CTELETVMMD WLGKMLQLPE AFLAGEAGEG GGVIQGSASE ATLVALLAAR TKVVRRLQAA SPGLTQGAVL EKLVAYASDQ AHSSVERAGL IGGVKLKAIP SDGKFAMRAS ALQEALERDK AAGLIPFFVV ATLGTTSCCS FDNLLEVGPI CHEEDIWLHV DAAYAGSAFI CPEFRHLLNG VEFADSFNFN PHKWLLVNFD CSAMWVKRRT DLTGAFKLDP VYLKHSHQGS GLITDYRHWQ LPLGRRFRSL KMWFVFRMYG VKGLQAYIRK HVQLSHEFEA FVLQDPRFEV CAEVTLGLVC FRLKGSDGLN EALLERINSA RKIHLVPCRL RGQFVLRFAI CSRKVESGHV RLAWEHIRGL AAELLAAEEG KAEIKS
Specificity:	Sus scrofa (Pig)
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:	DDC
Alternative Name:	Aromatic-L-amino-acid decarboxylase (DDC) (DDC Products)
Background:	Recommended name: Aromatic-L-amino-acid decarboxylase. Short name= AADC. EC= 4.1.1.28. Alternative name(s): DOPA decarboxylase. Short name= DDC
UniProt:	P80041
Pathways:	Dopaminergic Neurogenesis

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.