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Datasheet for ABIN1474030 HDC Protein (AA 1-656) (His tag)

Overview

Quantity:	1 mg
Target:	HDC
Protein Characteristics:	AA 1-656
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This HDC protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>MMEPSEYHEY QARGKEMVDY ICQYLSTVRE RQVTPNVKPG YLRAQIPSSA PEEPDSWDSI FGDIEQIIMP GVVHWQSPHM HAYYPALTSW PSLLGDMLAD AINCLGFTWA SSPACTELEM NIMDWLAKML GLPDDFLHHH PSSQGGGVLQ RTVSESTLIA LLAARKNKIL EMKAHEPNAD ESSLNARLVA YASDQAHSSV EKAGLISLVK IKFLPVDDNF SLRGEALQKA IEEDKQQGLV PVFVCATLGT TGVCADFCLS ELGPICAREG LWLHVDAAYA GTAFLRPELR GFLKGIEYAD SFTFNPSKWM MVHFDCTGFW VKDKYKLQQT FSVNPIYLRH ANSGVATDFM HWQIPLSRRF RSIKLWFVIR SFGVKNLQAH VRHGTDMAKY FESLVRSDPV FEIPAERHLG LVVFRLKGPN CLTESVLKEI AKTGQVFLIP ATIQDKLIIR FTVTSQFTTK DDILRDWNLI REAANLVLSQ HCTSQPSPRA KNLIPPPVTR DSKDLTNGLS LESVNEGGDD PVQVRKIFRL PGDSLETTMD PFDDCFSEEA SDTTKHKLSS FLFSYLSVQN KKKTMRLSLSC NSMPMSAQKS PPPDASVKHG GFFRARIFSG FPEEMMMMKK GGFKKLIKFY SVPSFPECSS QCGTLQLPCC PLQAMV</p>
Specificity:	Rattus norvegicus (Rat)

Product Details

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.
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Purity:	> 90 %
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Target Details

Target:	HDC
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Abstract:	HDC Products
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Background:	Recommended name: Histidine decarboxylase. Short name= HDC. EC= 4.1.1.22
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UniProt:	P16453
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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 modified 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.
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Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
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Concentration:	0.2-2 mg/mL
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Buffer:	Tris-based buffer, 50 % glycerol
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Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week
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Handling

Storage: -20 °C

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