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ECE1 Protein (AA 82-762) (His tag)



Overview

Quantity:	1 mg
Target:	ECE1
Protein Characteristics:	AA 82-762
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This ECE1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:

QYRTRTPPV CLTEACVSVT SSILNSMDPT VDPCQDFFSY ACGGWIKANP VPDGHSRWGT
FSNLWEHNQA IIKHLLENST ASASEAEKKA QVYYRACMNE TRIEELRAKP LMELIEKLGG
WNITGPWAKD NFQDTLQVVT AHYRTSPFFS VYVSADSKNS NSNVIQVDQS GLGLPSRDYY
LNKTENEKVL TGYLNYMVQL GKLLGGGDED SIRPQMQQIL DFETALANIT IPQEKRRDEE
LIYHKVTAAE LQTLAPAINW LPFLNAIFYP VEINESEPIV VYDKEYLRQV STLINSTDKC
LLNNYMMWNL VRKTSSFLDQ RFQDADEKFM EVMYGTKKTC LPRWKFCVSD TENNLGFALG
PMFVKATFAE DSKNIASEII LEIKKAFEES LSTLKWMDED TRRSAKEKAD AIYNMIGYPN
FIMDPKELDK VFNDYTAVPD LYFENAMRFF NFSLRVTADQ LRKAPNRDQW SMTPPMVNAY
YSPTKNEIVF PAGILQAPFY TRSSPNALNF GGIGVVVGHE LTHAFDDQGR EYDKDGNLRP
WWKNSSVEAF KQQTECMVQQ YNNYSVNGEP VNGRHTLGEN IADNGGLKAA YRAYQNWVKK
NGAEQILPTL GLTSNQLFFL GFAQVWCSVR TPESSHEGLI TDPHSPSRFR VIGSLSNSKE
FSEHFRCPLG SPMNPRHKCE VW

Product Details

Specificity:	Rattus norvegicus (Rat)
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.
Purity:	> 90 %

Target Details

Target:	ECE1
Abstract:	ECE1 Products
Background:	Recommended name: Endothelin-converting enzyme 1.
	Short name=.
	ECE-1.
	EC= 3.4.24.71
UniProt:	P42893
Pathways:	Regulation of Systemic Arterial Blood Pressure by Hormones, 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

Handling

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