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Datasheet for ABIN1635890

CECR1 Protein (AA 30-511) (His tag)

Overview

Quantity:	1 mg
Target:	CECR1
Protein Characteristics:	AA 30-511
Origin:	Orang-Utan
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This CECR1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>I DETRAHLLK EKMMRLGGRL VLNTKEEQAN ERLMMLKIAE MKEAMRTLIF PPSMHFFQAK</p> <p>HLIERSQVFN ILRMMPKGAA LHLHDIGIVT MDWLVRNVTY RPHCHICFTP KGIMQFRFAH</p> <p>PTPRTSEKCS KWILLEDYRK RVQNVTEFDD SLLRNFTLVT QHPEVIYTNQ NVVWSKFETI</p> <p>FFTISGLIHY APVFRDYVFQ SMQEFYEDNV LYMEIRARLL PVYELSGEHH DEEWSVKTYQ</p> <p>EVAQKFEVETH PEFIGIKIY SDHRSKDVAV IAESIRTAMG LRTKFPTVVA GFDLVGREDT</p> <p>GHSLQDYKEA LMIPAKGGVK LPYFFHAGET DWQGTSIDRN ILDALMLNTT RIGHGFALSK</p> <p>HPAVRAYSWK KDIPIEVCPI SNQVLKLVSD LRNHPVATLM ATGHPMVISS DDPAIFGAKG</p> <p>LSYDFYEVFM GIGGMKADLR TLKQLAMNSI KYSALLEIEK NTFMEIWKKR WDKFIADVAT K</p>
Specificity:	Pongo abelii (Sumatran orangutan)
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: CECR1

Alternative Name: Adenosine deaminase CECR1 (CECR1) ([CECR1 Products](#))

Background: Recommended name: Adenosine deaminase C.
ECR1.
EC= 3.5.4.4.
Alternative name(s): Cat eye syndrome critical region protein 1

UniProt: [Q5RC46](#)

Pathways: [Ribonucleoside Biosynthetic Process](#)

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.

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.