Datasheet for ABIN1629948

CES5A Protein (AA 29-575) (His tag)

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Overview

Quantity:	1 mg
Target:	CES5A
Protein Characteristics:	AA 29-575
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This CES5A protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	EE PHRYTRLGWV QGKQATVLGR LEPVNVFLGI PFAAPPLGPL RFSNPQPPIP WHDLREATTY PNVCFQNLEW LFIYQNLLKV HYPKLGVSED CLYLNIYAPA YANDGSRLPV MMWIPGGGFE TGSASIFDGS ALAAYEDVLI VTIQYRLGIF GFFNTQNQHA PGNWAFQDQL AALQWVRENI NYFGGNPDSV TIFGGSAGAI SISSLILSPL SAGLFHRAIM QSGVAIIPSL KNFDDELKHG LQVVADVCKC NVSDSKVLLK CLREKSSLEL LSLGQKTKAF TRVVDGSFFP EEPMELLSQK TFKTVPSIIG VNNQECGYIL PMREAPEILF GSNESTALTL IHVLLHIPPQ YMHIVAKDYF HGKHSLTDIR DTLLDLFGDV FFVVPGLVTA RNHRDADGPV YFYEFQHRPN CFQNTRPAFV KADHTDEIRF VFGGPFLEGD VVMFEEATED EKLLSRKMMS YWANFARSGD PNGDDLPLWP AYDQNESYLK LDVNISTGWR LKDRRVEFWT DTLPLIMSAS KALLSPTFPL ILFSLLPPSL LSIAS
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.

Product Details

Purity:	> 90 %

Target Details

Target:	CES5A
Abstract:	CES5A Products
Background:	Recommended name: Carboxylesterase 5A. EC= 3.1.1.1. Alternative name(s): Carboxylesterase-like urinary excreted protein homolog. Short name= Cauxin Epididymis-specific gene 615 protein
UniProt:	Q5GRG2

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
Storage:	-20 °C

Handling

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

