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Datasheet for ABIN1660868

Genome Polyprotein (LOC100493440) (AA 2-330) protein (His tag)

Overview

Quantity:	1 mg
Target:	Genome Polyprotein (LOC100493440)
Protein Characteristics:	AA 2-330
Origin:	Coxsackie A Virus
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	His tag
Application:	ELISA

Product Details

Sequence:	GAQVSTQKT GAHETSLSAA GNSIIHYTNI NYKDAASNS ANRQDFTQDP SKFTEPVKDV MIKSLPALNS PTVEECGYSD RVRSITLGNS TITTQECANV VVGWGRWPTY LRDDEATAED QPTQPDVATC RFYTLDSIKW EKGSVGVWWWK FPEALSDMGL FGQNMQYHYL GRAGYTIHLQ CNASKFHQGC LLVVCVPEAE MGGAVVGQAF SATAMANGDK AYEFTSATQS DQTKVQTAIH NAGMGVGVGN LTIYPHQWIN LRTNNSATIV MPYINSVPMN NMFRRHYNFTL MVIPFVKLDY ADTASTYVPI TVTVAPMCAE YNGLRLAQAQ
Specificity:	Coxsackievirus A9 (strain Griggs)
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.
Purity:	> 90 %

Target Details

Target:	Genome Polyprotein (LOC100493440)
Alternative Name:	Genome polyprotein (LOC100493440 Products)
Target Type:	Viral Protein
Background:	<p>Recommended name: Genome polyprotein Cleaved into the following 12 chains: 1. Protein VP0.</p> <p>Alternative name(s): VP4-VP2 Protein VP4.</p> <p>Alternative name(s): P1A Virion protein 4 Protein VP2.</p> <p>Alternative name(s): P1B Virion protein 2 Protein VP3.</p> <p>Alternative name(s): P1C Virion protein 3 Protein VP1.</p> <p>Alternative name(s): P1D Virion protein 1 Picornain 2A.</p> <p>Short name= P2A.</p> <p>Short name= Protein 2A.</p> <p>EC= 3.4.22.29 Protein 2B.</p> <p>Short name= P2B Protein 2C.</p> <p>Short name= P2C.</p> <p>EC= 3.6.1.15 Protein 3A.</p> <p>Short name= P3A Protein 3B.</p> <p>Short name= P3B.</p> <p>Alternative name(s): VPg Picornain 3C.</p> <p>EC= 3.4.22.28.</p> <p>Alternative name(s): Protease 3C.</p> <p>Short name= P3C RNA-directed RNA polymerase 3D-POL.</p> <p>Short name= P3D-POL.</p> <p>EC= 2.7.7.48</p>
UniProt:	P21404

Application Details

Comment:	<p>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</p>
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Application Details

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

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