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Datasheet for ABIN1461044 PIK3R3 Protein (AA 1-461) (His tag)

Overview

Quantity:	1 mg
Target:	PIK3R3
Protein Characteristics:	AA 1-461
Origin:	Cow
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PIK3R3 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>MYNTVWSIDR DDADWREVMV PYSTELIFYI EMDPPALPPK PPKPMTSAIT NGIKDSSVSL</p> <p>QDAEWYWGGI SREEVNDKLR DMPDGTFLVR DASTKMQGDY TLTLRKGGNN KLIKIHHRDG</p> <p>KYGFSDPLTF NSVVELISHY HHESLAQYNP KLDVKLMYPV SRYQQDQLVK EDNIDAVGKK</p> <p>LQEYHSQYQE KSKEYDRLYE EYTRTSQEIQ MKRTAIEAFN ETIKIFEEQC HTQEQHSKEY</p> <p>IERFRKEGNE KEIERIMMNY DKLKSRLGEI HDSKMRLEQD LKKQALDNRE IDKKMNSIKP</p> <p>DLIRLRKIRD QHLVWLNHKG VRQKRLNAWL GIKNEDAET YFINEEDENL PHYDEKTFWFV</p> <p>EDINRVQAED LLYGKPDGAF LIRESSKKGC YACSVVADGE VKHCVIYSTA RGYGFAEPYN</p> <p>LYGSLKELVL HYQRTSLVQH NDSLNVRLAY PVHAQMPTLC R</p>
Specificity:	Bos taurus (Bovine)
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: PIK3R3

Abstract: [PIK3R3 Products](#)

Background: Recommended name: Phosphatidylinositol 3-kinase regulatory subunit gamma.
Short name= PI3-kinase regulatory subunit gamma.
Short name= PI3K regulatory subunit gamma.
Short name= PtdIns-3-kinase regulatory subunit gamma.
Alternative name(s): Phosphatidylinositol 3-kinase 85 kDa regulatory subunit gamma.
Short name= PI3-kinase subunit p85-gamma.
Short name= PtdIns-3-kinase regulatory subunit p85-gamma p55PIK

UniProt: [O46404](#)

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 modiflicated 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

Handling

one week

Storage: -20 °C

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