Datasheet for ABIN1626129

G3BP1 Protein (AA 2-465) (His tag)

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Overview

Quantity:	1 mg
Target:	G3BP1
Protein Characteristics:	AA 2-465
Origin:	Cow
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This G3BP1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	VMEKPSPLL VGREFVRQYY TLLNQAPDML HRFYGKNSSY VHGGLDSNGK PADAVYGQKE IHRKVMSQNF TNCHTKIRHV DAHATLNDGV VVQVMGLLSN NNQALRRFMQ TFVLAPEGSV ANKFYVHNDI FRYQDEVFGG FITEPQEESE EEVEEPEERQ QTPEVVPDDS GTFYDQTVSN DLEEHLEEPV AEPEPEPEPE PEQEPVSEVQ EEKSEPVLEE TAPEDVQKSS SPAPADIAQT VQEDLRTFSW ASVTSKNLPP SGAVPVTGIP PHVVKVPASQ PRPESKPESQ IPLQRPQRDQ RVREQRINVP PQRGPRPVRE AGEQGDVEPR RIVRHPDSHQ LFIGNLPHEV DKSELKDFFQ NYGNVVELRI NSGGKLPNFG FVVFDDSEPV QKVLSNRPIM FRGEVRLNVE EKKTRAAREG DRRDNRLRGP GGPRGGLGGG MRGPPRGGMV QKPGFGVGRS IAPRQ
Specificity:	Bos taurus (Bovine)
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:	G3BP1
Alternative Name:	Ras GTPase-activating protein-binding protein 1 (G3BP) (G3BP1 Products)
Background:	Recommended name: Ras GTPase-activating protein-binding protein 1. Short name= G3BP-1. EC= 3.6.4.12. EC= 3.6.4.13. Alternative name(s): ATP-dependent DNA/RNA helicase G3BP
UniProt:	Q32LC7
Pathways:	SARS-CoV-2 Protein Interactome

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

Handling

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