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Datasheet for ABIN1641404

CYBA Protein (AA 2-191) (His tag)

Overview

Quantity:	1 mg
Target:	CYBA
Protein Characteristics:	AA 2-191
Origin:	Bison
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This CYBA protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	GQIEWAMWA NEQALASGLI LITGGIVATA GQFTQWYLGA YSIAAGVLVC LLEYPRGKRS KGSTMERCGQ KYLTRVVKLF GPLTRNYYIR AFLHLGLAVP AGFLLATILG TACLAIASGI YLLAAIRGEQ WSPIEPKPKE RPQIGGTIKQ PPSNPPPRPP AEARKKLSEE AAGVPTGGPQ ENPMPVNDEV V
Specificity:	Bison bison (American bison) (Bos bison)
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:	CYBA
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Target Details

Alternative Name:	Cytochrome b-245 light chain (CYBA) (CYBA Products)
Background:	<p>Recommended name: Cytochrome b-245 light chain.</p> <p>Alternative name(s): Cytochrome b(558) alpha chain Cytochrome b558 subunit alpha</p> <p>Neutrophil cytochrome b 22 kDa polypeptide Superoxide-generating NADPH oxidase light chain subunit p22 phagocyte B-cytochrome p22-phox.</p> <p>Short name= p22phox</p>
UniProt:	Q95L73
Pathways:	Regulation of Systemic Arterial Blood Pressure by Hormones , Carbohydrate Homeostasis

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 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.</p>
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.