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Datasheet for ABIN1665196

Isoflavone Reductase Homolog Protein (LOC100842184) (AA 1-308) (His tag)

Overview

Quantity:	1 mg
Target:	Isoflavone Reductase Homolog (LOC100842184)
Protein Characteristics:	AA 1-308
Origin:	Potato
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This Isoflavone Reductase Homolog protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MAGKSKILFI GGTGYIGKFI VEASAKAGHD TFVLVRESTL SNPTKTKLID TFKSFGVTFV HGDLYDHESL VKAIKQVDVV ISTVGHALLA DQVKLIAAIK EAGNVKRFFP SEFGNDVDRV HAVEPAKAAF NTKAQIRRVV EAEGIPFTYV ATFFFAGYSL PNLAQPGAAG PPNDKVVILG HGNTKAVFNK EEDIGTYTIN AVDDPKTLNK ILYIKPPHNI ITLNELVSLW EKKTGKNLER LYVPEEQVLK NIQEASVPMN VGLSIYHTAF VKGDHTNFEI EPSFGVEASE VYPDVKYTP DEILNQYV
Specificity:	Solanum tuberosum (Potato)
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:	Isoflavone Reductase Homolog (LOC100842184)
Alternative Name:	Isoflavone reductase homolog (LOC100842184 Products)
Background:	Recommended name: Isoflavone reductase homolog. EC= 1.3.1.-. Alternative name(s): CP100
UniProt:	P52578

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