Datasheet for ABIN1474999

POU3F4 Protein (AA 1-361) (His tag)

Go to Product page

Overview

Quantity:	1 mg
Target:	POU3F4
Protein Characteristics:	AA 1-361
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This POU3F4 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MATAASNPYS ILSSSSLVHA DSAGMQQGSP FRNPQKLLQS DYLQGVPSNG HPLGHHWVTS LSDGGPWSST LATSPLDQQD VKPGREDLQL GAIIHHRSPH VAHHSPHTNH PNAWGASPAP NSSITSSGQP LNVYSQPGFT VSGMLEHGGL TPPPAAASTQ SLHPVLREPP DHGELGSHHC QDHSDEETPT SDELEQFAKQ FKQRRIKLGF TQADVGLALG TLYGNVFSQT TICRFEALQL SFKNMCKLKP LLNKWLEEAD SSTGSPTSID KIAAQGRKRK KRTSIEVSVK GVLETHFLKC PKPAAQEISS LADSLQLEKE VVRVWFCNRR QKEKRMTPPG DQQPHEVYSH TVKTDASCHD L
Specificity:	Rattus norvegicus (Rat)
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.
Purity:	> 90 %

Target Details

Target:	POU3F4
Abstract:	POU3F4 Products
Background:	Recommended name: POU domain, class 3, transcription factor 4. Alternative name(s): Brain-specific homeobox/POU domain protein 4. Short name= Brain-4. Short name= Brn-4 Octamer-binding protein 9. Short name= Oct-9 Octamer-binding transcription factor 9. Short name= OTF-9 RHS2 class III POU protein
UniProt:	P62516
Pathways:	Sensory Perception of Sound

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
Storage:	-20 °C

Handling

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

