Datasheet for ABIN7585609

POU3F2 Protein (AA 1-445) (His tag)

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Overview

Quantity:	100 µg
Target:	POU3F2
Protein Characteristics:	AA 1-445
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This POU3F2 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MATAASNHYS LLTSSASIVH AEPPGGMQQG AGGYREAQSL QVQGDYGALQ SNGHPLSHAH WITALSHGGS GGGGGGGGGG GGGGGGGGDG SPWSTSPLGQ PDIKPSVVVQ QGGRGDELHG PGALQQQHQQ QQQQQQQQQQ QQQQQQQQQQ QRPPHLVHHA ANNHPGPGAW RSAAAAAHLP PSMGASNGGL LYSQPSFTVN GMLGAGGQPA GLHHHGLRDA HDEPHHADHH PHPHSHPHQQ PPPPPPPQGP PGHPGAHHDP HSDEDTPTSD DLEQFAKQFK QRRIKLGFTQ ADVGLALGTL YGNVFSQTTI CRFEALQLSF KNMCKLKPLL NKWLEEADSS SGSPTSIDKI ASQGRKRKKR TSIEVSVKGA LESHFLKCPK PSAQEITSLA DSLQLEKEVV RVWFCNRRQK EKRMTPPGGT LPGAEDVYGG SRDTPPHHGV QTPVQ
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.

Product Details

Purity:	> 90 %

Target Details

Target:	POU3F2
Alternative Name:	POU domain, class 3, transcription factor 2 (Pou3f2) (POU3F2 Products)
Background:	Recommended name: POU domain, class 3, transcription factor 2. Alternative name(s): Brain-specific homeobox/POU domain protein 2. Short name= Brain-2. Short name= Brn-2 Nervous system-specific octamer-binding transcription factor N-Oct-3 Octamer-binding protein 7. Short name= Oct-7 Octamer-binding transcription factor 7. Short name= OTF-7
UniProt:	P56222

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

Handling

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