

Datasheet for ABIN7585608

POU3F1 Protein (AA 1-451) (His tag)



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Overview

Quantity:	100 µg
Target:	POU3F1
Protein Characteristics:	AA 1-451
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This POU3F1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MATTAQYLPR GPGGGAGGTG PLMHPDAAAA AAAAAAERL HAGAAAYREVQ KLMHHEWLGA GAGHPVGLAH PQWLPTGGGG GGDWAGGPHL EHGKAGGGST GRADDGGGGG GFHARLVHQG AAHAGAAWAQ GGTAAHHLGPA MSPSPGAGGG HQPQPLGLYA QAAYPGGGGG GLAGMLAAGG GGAGPGLHHA LHEDGHEAQL EPSPPPHLGA HGHAHGHABA GGLHAAAAHL HPGAGGGGSS VGEHSDDEDAP SSDDLEQFAK QFKQRRILKG FTQADVGLAL GTLYGNVFSQ TTICRFEALQ LSFKNMCKLK PLLNKWLEET DSSSGSPTNL DKIAAQGRKR KKRTSIEGVV KGALESHFLK CPKPSAHEIT GLADSLQLEK EVVRVWFCNR RQKEKRMTA AGAGHPPMDD VYAPGELGPG GGASPPSAP PPPPPAALHH HHHHTLPGSV Q
Specificity:	Rattus norvegicus (Rat)
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.

Product Details

Purity: > 90 %

Target Details

Target: POU3F1

Alternative Name: POU domain, class 3, transcription factor 1 (Pou3f1) ([POU3F1 Products](#))

Background: Recommended name: POU domain, class 3, transcription factor 1.
Alternative name(s): Octamer-binding protein 6.
Short name= Oct-6 Octamer-binding transcription factor 6.
Short name= OTF-6 POU domain transcription factor SCIP Tst-1

UniProt: [P20267](#)

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 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.

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.