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POU3F1 Protein (AA 1-368) (His tag)



Overview

Quantity:	1 mg
Target:	POU3F1
Protein Characteristics:	AA 1-368
Origin:	Zebrafish (Danio rerio)
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This POU3F1 protein is labelled with His tag.
Application:	ELISA

Product Details	
Sequence:	MATTAQYIPR NNSLPSNPLM HPDSDRMHQG TTYREVQKMM HHEYLQGLAT NTGHPMSLTH
	HQWLPTSNTD WTSGTHIGQA EHNKASVQSR EDLGNGYHRS HLVHQPTQNS HHGSWAPTTT
	HHLSPLSPAS NGHQSLVYSQ TGYTMLSPQP SLHHGLRDPL HDDAGSHDNQ MESPQQPFSH
	HQDHSDEDAP SSDDLEQFAK QFKQRRIKLG FTQADVGLAL GTLYGNVFSQ TTICRFEALQ
	LSFKNMCKLK PLLNKWLEET DSNTGSPTNL DKIAAQGRKR KKRTSIEVGV KGALENHFLK
	CPKPSAHEIT TLAGTLQLEK EVVRVWFCNR RQKEKRMTPV GVPHPTMEDV YSQAETPPLH
	HTLQSPVQ
Specificity:	Danio rerio (Zebrafish) (Brachydanio rerio)
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:	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): POU domain protein 50. Short name= ZP-50
UniProt:	Q90482

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