Datasheet for ABIN1644729

POU1F1 Protein (AA 1-365) (His tag)

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Overview

Quantity:	1 mg
Target:	POU1F1
Protein Characteristics:	AA 1-365
Origin:	Oncorhynchus keta
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This POU1F1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MSCQAFSADS FTTLAGDSLP LLMHHASAAD CLPSSASTHT HNMVSAVPSG LSLLQSSKRS HMHLSTSTLG NGPPGLHYPV TPCHYSNQQT TYGMMAAQEM LSASISQTRI LQTCSVPHPN MVNGANTLQG SLAPCLYKFP EHGLGGGSCS LSHSFPPLPP AVLSEEPPLG GTKDLRLRSR PPDDPPDMDS PQIRELEKFA NNFKLRRIKL GYTQTNVGEA LAAVHGSEFS QTTICRFENL QLSFKNACTL KAILAKWLDE AEQAGALFNE KMGMNERKRK RRTTISLGAK EALERSFREK IKPSSQEIVR MAEGLHLEKE VVRVWFCNRR QREKRVKTSL HHSSYLTKDS PTYRYPYLSP NAIKP
Specificity:	Oncorhynchus keta (Chum salmon)
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:	POU1F1
Alternative Name:	Pituitary-specific positive transcription factor 1 (pou1f1) (POU1F1 Products)
Background:	Recommended name: Pituitary-specific positive transcription factor 1. Short name= PIT-1. Alternative name(s): Growth hormone factor 1. Short name= GHF-1
UniProt:	Q91169
Pathways:	Regulation of Carbohydrate Metabolic Process

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.