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Datasheet for ABIN1651440

DUSP4 Protein (AA 1-375) (His tag)

Overview

Quantity:	1 mg
Target:	DUSP4
Protein Characteristics:	AA 1-375
Origin:	Chicken
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This DUSP4 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>MVAPEGLREM EGSALRRLVG REEASGGRC LLD CRPFLAH SAGHIRGALN VRCNTIVRRR</p> <p>AKGAVSLEQI LPAEGEVRRAR LRAGLYTAVV LYDERSPRAE ALRDDSTVAL VLRALRRDMA</p> <p>RADIRLLAGG YERFASEYPE FCAKTKTLSS ISPPSSAESL DLGFSSCGTP LHDQGGPVEI</p> <p>LPFLYLGSAY HAARRDMLDA LGITALLNVS SDCPNHFEGH YQYKCIPVED NHKADISSWF</p> <p>MEAIEYIDSV KECCGRVLVH CQAGISRSAT ICLAYLMMKK RVKLEKAFEF VKQRRSIISP</p> <p>NFSFMGQLLQ FESQVLATSC AVEAASPSGT LRERGKATST PTSQVFVSFP VSVG V HATPS</p> <p>SLPYLHSPIT TSPSC</p>
Specificity:	Gallus gallus (Chicken)
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.
Purity:	> 90 %

Target Details

Target:	DUSP4
Alternative Name:	Dual specificity protein phosphatase 4 (DUSP4) (DUSP4 Products)
Background:	<p>Recommended name: Dual specificity protein phosphatase 4.</p> <p>EC= 3.1.3.16.</p> <p>EC= 3.1.3.48.</p> <p>Alternative name(s): Mitogen-activated protein kinase phosphatase 2.</p> <p>Short name= MAP kinase phosphatase 2.</p> <p>Short name= MKP-2</p>
UniProt:	Q9PW71
Pathways:	Neurotrophin Signaling Pathway , Activation of Innate immune Response , Toll-Like Receptors Cascades

Application Details

Comment:	<p>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 modiflicated 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.</p>
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.