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Datasheet for ABIN1635451 **DUSP1 Protein (AA 1-367) (His tag)**

Overview

Quantity:	1 mg
Target:	DUSP1
Protein Characteristics:	AA 1-367
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This DUSP1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>MVMEVGILDA GGLRALLRER AAQCLLLDCR SFFAFNAGHI VGSVNVRFST IVRRRAKGAM</p> <p>GLEHIVPNT E LRGRLLAGAY HAVVLLDERS AALDGAKRDG TLALAAGALC REARSTQVFF</p> <p>LQGGYEA FSA SCPELCSKQS TPMGLSLPLS TSVPDSAESG CSSCSTPLYD QGGPVEILSF</p> <p>LYLGSAYHAS RKDMLDALGI TALINVSANC PNHFEGHYQY KSIPVEDNHK ADISSWFNEA</p> <p>IDFIDSIKDA GGRV FVHCQA GISRSATICL AYLMRTNRVK LDEAFEFVKQ RRSIISP NFS</p> <p>FMGQLLQFES QVLAPHCSAE AGSPAMAVLD RGTSTTTVFN FVPVSI PVHPT NSALNYLQSP</p> <p>ITTSPSC</p>
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.
Purity:	> 90 %

Target Details

Target:	DUSP1
Alternative Name:	Dual specificity protein phosphatase 1 (Dusp1) (DUSP1 Products)
Background:	<p>Recommended name: Dual specificity protein phosphatase 1.</p> <p>EC= 3.1.3.16.</p> <p>EC= 3.1.3.48.</p> <p>Alternative name(s): Mitogen-activated protein kinase phosphatase 1.</p> <p>Short name= MAP kinase phosphatase 1.</p> <p>Short name= MKP-1 Protein-tyrosine phosphatase CL100 Protein-tyrosine phosphatase non-receptor type 16</p>
UniProt:	Q64623

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