

Datasheet for ABIN1507094

L-Rhamnonate Dehydratase Protein (RHMD) (AA 1-401) (His tag)



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Overview

Quantity:	1 mg
Target:	L-Rhamnonate Dehydratase (RHMD)
Protein Characteristics:	AA 1-401
Origin:	E. coli
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This L-Rhamnonate Dehydratase protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MTLPKIKQVR AWFTGGATAE KGAGGGDYHD QGANHWIDDH IATPMSKYRD YEQSRQSFGI NVLGLTVVEV EAENGQTGFA VSTAGEMGCF IVEKHLNRFI EGKCVSDIKL IHDQMLSATL YYSGSGGLVM NTISCVDLAL WDLFGKVVGL PVYKLLGGAV RDEIQFYATG ARPD LAKEMG FIGGKMP THW GPHDGDAGIR KDAAMVADMR EKC GEDFWLM LDCWMSQDVN YATKLAHACA PYNLKWIEEC LPPQQYESYR ELKR NAPVGM MVTSGEHHGT LQSFRTLSET GIDIMQPDVG WCGGLTTLVE IAAIAKSRGQ LVPHGSSVY SHHAVITFTN TPFSEFLMTS PDCSTM RPQF DPILLNEPVP VNGRIHKS VL DKPGFGVELN RDCNLKRPYS H
Specificity:	Escherichia coli (strain K12)
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:	L-Rhamnonate Dehydratase (RHMD)
Abstract:	RHMD Products
Background:	Recommended name: L-rhamnonate dehydratase. Short name= RhamD. EC= 4.2.1.90
UniProt:	P77215

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 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.
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.