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Datasheet for ABIN1629676

Pup deamidase/depupylase (dop) Protein (AA 1-499) (His tag)

Overview

Quantity:	1 mg
Target:	Pup deamidase/depupylase (dop) (DOP)
Protein Characteristics:	AA 1-499
Origin:	Rhodococcus erythropolis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This Pup deamidase/depupylase (dop) protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>MQRIIIGVEVE YGISSPSEPS ANPILTSTQA VLAYAAAAGV PRAKRTRWDY EVESPLRDAR GFDLGRMSGP APVIDADEIG AANMILTNGA RLYVDHAHPE YSAPEVADPL DAVIWDKAGE RVMEAAARHA SSVPGAPRLQ LYKNNVDGKG ASYGTHENYL CSRDTPFASI VTGLTPFFAS RQVICGSGRV GLGQSGDEAG FQLSQRSYI EVEVGLETTL KRGIIINTRDE PHADADKYRR LHVIIGDANL AEMSTYLKVG TTALVLDLIE AGVDLTDLQL ARPVTAVHHI SHDPTLRKTV ALADGRELTG LALQRIYLER VSKFLDREAD RDPRADIVA KWAMVLDLLE RDPMECANIL DWPAKLRLLE GFRNREGLAW SAPRLHLVDL QYSDVRLDKG LYNRLVARGS MERLVTEQQV LDAVTNPPTD TRAYFRGECL RRFGADIAAA SWDSVIFDLG GESLIRIPTL EPLRGTKAHV GALLDSVDSA AELVDQLTH</p>
Specificity:	Rhodococcus erythropolis (Arthrobacter picolinophilus)
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.

Product Details

Purity: > 90 %

Target Details

Target: Pup deamidase/depupylase (dop) (DOP)

Alternative Name: Pup deamidase/depupylase (dop) ([DOP Products](#))

Background: Recommended name: Pup deamidase/depupylase.

EC= 3.4.-.-.

EC= 3.5.1.-.

Alternative name(s): Deamidase of protein Pup

UniProt: [Q53081](#)

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 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.

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.