

Datasheet for ABIN1612249

Aspartyl Aminopeptidase Protein (DNPEP) (AA 1-471) (His tag)



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Overview

Quantity:	1 mg
Target:	Aspartyl Aminopeptidase (DNPEP)
Protein Characteristics:	AA 1-471
Origin:	Orang-Utan
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This Aspartyl Aminopeptidase protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>MNGKARQEAV QTAAKELLKF VNQGPSPFHA VAECRNRLQ AGFSELKETE KWNIPESKY</p> <p>FMTRNSSTII AFAVGGQYVP GNGFSLGAH TDSPCLRVKR RSRRSQVGFQ QVGVETYGGG</p> <p>IWSTWFDRDL TLAGRVIVKC PTSGRLEQRL VHVERPILRI PHLAIHLQRN INENFGPNT</p> <p>MHLVPILATA IQEELEKGTP EPGPLNAMDE RHHSVLMSLL CAHLGLSPKD IVEMELCLAD</p> <p>TQPAVLGGAY DEFIFAPRLD NLHSCFCALQ ALIDSCAGPG SLATEPHVRM ITLYDNEEVG</p> <p>SESAQGAQSL LTELVLRRIS ASCQHPTAFE EAIPKSFMIS ADMAHAVHPN YLDKHEENHR</p> <p>PLFHKGPIV VNSKQRYASN AVSEALIREV ANKVKVPLQD LMVRNDTPCG TTIGPILASR</p> <p>LGLRVLDLGS PQLAMHSIRE MACTTGVLQT LTLFKGFFEL FPSLSHNLV D</p>
Specificity:	Pongo abelii (Sumatran orangutan)
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: Aspartyl Aminopeptidase (DNPEP)

Abstract: [DNPEP Products](#)

Background: Recommended name: Aspartyl aminopeptidase.
EC= 3.4.11.21

UniProt: [Q5RBT2](#)

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.