

Datasheet for ABIN7583481
APEH Protein (AA 1-732) (His tag)



[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	APEH
Protein Characteristics:	AA 1-732
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This APEH protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>MERQVLLSEP QEAAALYRGL SRQPSLSAAC LGPEVTTQYG GLYRTVHTEW TQRDLERMEN</p> <p>IRFCRQYLVF HDGDSVVFAG PAGNSVETRG ELLSRESPSG TMKAVLRKAG GTVSGEEKQF</p> <p>LEVWEKNRKL KSFNLSALEK HGPVYEDDCF GCLSWSHSET HLLYVAEKKR PKAESFFQTK</p> <p>ALDISASDDE MARPKKPDQA IKGDQFVFYE DWGETMVSKS IPVLCVLDID SGNISVLEGV</p> <p>PENVSPGQAF WAPGDTGVVF VGWWHEPFRL GIRYCTNRRS ALYYVDLSGG KCELLSDGSL</p> <p>AICSPRLSPD QCRIVYLQYP CLAPHHQCSQ LCLYDWYTKV TSVVVDIVPR QLGESFSGIY</p> <p>CSLLPLGCWS ADSQRVVFDS AQRSRQDLFA VDTQTGSITS LTAAGSAGSW KLLTIDKDLM</p> <p>VAQFSTPSLP PSLKVGFLPP PGKEQSVSWV SLEEAEPiPG IHWGVRVLHP PPDQENVQYA</p> <p>DLDFAILLQ PSNPPDKTQV PMVVMPhGGP HSSFVTAWML FPAMLCKMGF AVLLVNYRGS</p> <p>TGFGQDSILS LPGNVGHQDV KDVQFAVEQV LQEEHFDARR VALMGGS HGG FLSCHLIGQY</p> <p>PETYSACIAR NPVINIASMM GSTDIPDWCM VETGFPYSNS CLPDLNVWEE MLDKSPIKYI</p> <p>PQVKTPVLLM LGQEDRRVPF KQGMEYYRAL KARNVPVRL LYPKSNHALS EVEAESDSFM</p>
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Product Details

	NAVLWLHTHL GS
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:	APEH
Alternative Name:	Acylamino-acid-releasing enzyme (Apeh) (APEH Products)
Background:	Recommended name: Acylamino-acid-releasing enzyme. Short name= AARE. EC= 3.4.19.1. Alternative name(s): Acyl-peptide hydrolase. Short name= APH Acylaminoacyl-peptidase
UniProt:	P13676

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

Handling

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.