

Aminopeptidase A Protein, Human (sf9, His)

Cat. No.:	HY-P72824
Synonyms:	Glutamyl aminopeptidase; EAP; AP-A; CD249; ENPEP
Species:	Human
Source:	Sf9 insect cells
Accession:	Q07075 (R41-G957)
Gene ID:	2028
Molecular Weight:	Approximately 115.5 kDa

PROPERTIES

AA Sequence

```

R S C D S S G D G G   P G T A P A P S H L   P S S T A S P S G P   P A Q D Q D I C P A
S E D E S G Q W K N   F R L P D F V N P V   H Y D L H V K P L L   E E D T Y T G T V S
I S I N L S A P T R   Y L W L H L R E T R   I T R L P E L K R P   S G D Q V Q V R R C
F E Y K K Q E Y V V   V E A E E E L T P S   S G D G L Y L L T M   E F A G W L N G S L
V G F Y R T T Y T E   N G Q V K S I V A T   D H E P T D A R K S   F P C F D E P N K K
A T Y T I S I T H P   K E Y G A L S N M P   V A K E E S V D D K   W T R T T F E K S V
P M S T Y L V C F A   V H Q F D S V K R I   S N S G K P L T I Y   V Q P E Q K H T A E
Y A A N I T K S V F   D Y F E E Y F A M N   Y S L P K L D K I A   I P D F G T G A M E
N W G L I T Y R E T   N L L Y D P K E S A   S S N Q Q R V A T V   V A H E L V H Q W F
G N I V T M D W W E   D L W L N E G F A S   F F E F L G V N H A   E T D W Q M R D Q M
L L E D V L P V Q E   D D S L M S S H P I   I V T V T T P D E I   T S V F D G I S Y S
K G S S I L R M L E   D W I K P E N F Q K   G C Q M Y L E K Y Q   F K N A K T S D F W
A A L E E A S R L P   V K E V M D T W T R   Q M G Y P V L N V N   G V K N I T Q K R F
L L D P R A N P S Q   P P S D L G Y T W N   I P V K W T E D N I   T S S V L F N R S E
K E G I T L N S S N   P S G N A F L K I N   P D H I G F Y R V N   Y E V A T W D S I A
T A L S L N H K T F   S S A D R A S L I D   D A F A L A R A Q L   L D Y K V A L N L T
K Y L K R E E N F L   P W Q R V I S A V T   Y I I S M F E D D K   E L Y P M I E E Y F
Q G Q V K P I A D S   L G W N D A G D H V   T K L L R S S V L G   F A C K M G D R E A
L N N A S S L F E Q   W L N G T V S L P V   N L R L L V Y R Y G   M Q N S G N E I S W
N Y T L E Q Y Q K T   S L A Q E K E K L L   Y G L A S V K N V T   L L S R Y L D L L K
D T N L I K T Q D V   F T V I R Y I S Y N   S Y G K N M A W N W   I Q L N W D Y L V N
R Y T L N N R N L G   R I V T I A E P F N   T E L Q L W Q M E S   F F A K Y P Q A G A
G E K P R E Q V L E   T V K N N I E W L K   Q H R N T I R E W F   F N L L E S G
  
```

Biological Activity Measured by its ability to cleave the fluorogenic peptide substrate, Glu-7-amido-4-methyl coumarin (Glu-AMC) and the specific activity is >2000 pmoles/min/μg.

Appearance Solution.

Formulation Supplied as a 0.2 μm filtered solution of 20 mM, Tris 500 mM NaCl, 10 % glycerol, pH 7.4.

Endotoxin Level	<1 EU/μg, determined by LAL method.
Reconstitution	N/A
Storage & Stability	Stored at -80°C. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.
Shipping	Shipping with dry ice.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA