

## Recombinant Pig ANPEP Protein (616-963 aa), His-Myc-tagged

**Cat. No.** ANPEP-2621P    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Pig ( <i>Sus scrofa</i> ) ANPEP Protein (616-963 aa) is produced by E. coli expression system. This protein is fused with a 10xHis tag at the N-terminal and a Myc tag at the C-terminal. Research Area: Immunology. Protein Description: Partial.                                                                                                                      |
| <b>Species</b>          | E.coli                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                              |
| <b>ProteinLength</b>    | 616-963 aa                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Form</b>             | Tris-based buffer, 50% glycerol                                                                                                                                                                                                                                                                                                                                                     |
| <b>Molecular Mass</b>   | 47.1 kDa                                                                                                                                                                                                                                                                                                                                                                            |
| <b>AA Sequence</b>      | WVLLNVNVTGYFQVNYDEDNWRMIQHQLQTNLSVIPVINRAQVIYDSFNLATAHMVP<br>VTLALDNTLFLNGEKEYMPWQAALSSLSYFSLMFDRSEVYGPMKKYLRKQVEPLFQ<br>HFETLTKNWTERPENLMDQYSEINAISTACSNGLPQCENLAKTLFDQWMSDPENNPI<br>HPNLRSTIYCNAIAQGGQDQWDFAWGQLQQAQLVNEADKLRSAACSNVWLLNR<br>YLGTYLNPDLIRKQDATSTINSIASNVIGQPLAWDFVQSNWKKLFQDYGGGSFSFSN<br>LIQGVTRRFSSEFELQQLQEQFKKNMMDVGFGSGTRALEQALEKTKANIKWVKENKE<br>VVLNWFIEHS |
| <b>Purity</b>           | > 85% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                                                                                    |
| <b>Notes</b>            | Repeated freezing and thawing is not recommended. Store working aliquots at 4                                                                                                                                                                                                                                                                                                       |

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centigrade for up to one week.

**Storage**

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

**Concentration**

A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.

## GENE INFORMATION

**Gene Name**

ANPEP alanyl (membrane) aminopeptidase [ *Sus scrofa* ]

**Official Symbol**

ANPEP

**Synonyms**

ANPEP; aminopeptidase N; AP-M; AP-N; pAPN; gp130; microsomal aminopeptidase; PEPN;

**Gene ID**

397520

**mRNA Refseq**

NM\_214277

**Protein Refseq**

NP\_999442

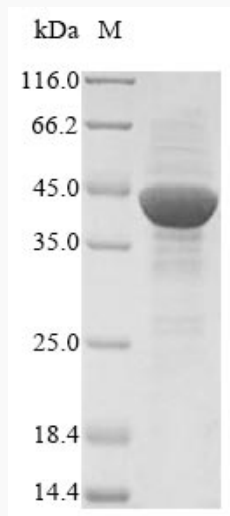
**UniProt ID**

P15145

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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