



Recombinant Human ANPEP Protein Product Manual

1. Product Basic Information

Product No.: REP06141

Protein Name: Membrane Alanyl Aminopeptidase (ANPEP)

Aliases: APN; AP-AP-CD13; LAP1; P150; PEPN; hAPN; GP150; membrane alanyl aminopeptidase; alanyl aminopeptidase, membrane; alanyl (membrane) aminopeptidase; myeloid plasma membrane glycoprotein CD13

UniProt ID: P15144

UniProt Link: <https://www.uniprot.org/uniprotkb/P15144/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Partial (34-219aa)

Molecular Weight: 55.8 kDa

Protein Tag: N-terminal 10xHis-GST-tagged and C-terminal Myc-tagged

2. Amino Acid Sequence (34-219aa)

SQEKKNANSSPVASTTPSASATTNPASATTLQSKAWNRYRLPNTLKPDSYRVTL
RPYLTPNDRGLYVFKGSSTVRFTCKEATDVIIHSHKLNLYTSLQGHRVVLRGVGGSSQ
PPDIDKTELVEPTEYLVVHLKGSLVKDSQYEMDSEFEGELADDLAGFYRSEYMEGN
VRKVVATTQMQAADARK

3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.

4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the

5. Product Description

This product is a recombinant Human ANPEP partial protein (34-219aa) expressed in E.coli. The protein is dual-tagged with 10xHis-GST tag at the N-terminus and Myc tag at the C-terminus, which facilitates protein purification, detection and identification. ANPEP, also known as APN or AP-AP-CD13 or LAP1, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.