

## Recombinant Rat Anpep protein, His-SUMO-tagged

**Cat. No.** Anpep-2514R    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rat Anpep protein(P15684)(33-476aa), fused to N-terminal His tag and SUMO tag, was expressed in E. coli.
<b>Species</b>	Rat
<b>Source</b>	E.coli
<b>ProteinLength</b>	33-476aa
<b>Form</b>	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
<b>Molecular Mass</b>	65.8 kDa
<b>AA Sequence</b>	YAQEKNR <sup>N</sup> RNAENSAIAP <sup>T</sup> LPGSTSATTSTTNPAIDESKPWNQYRLPKTLIPDSYQVTLR PYLTPNEQGLYIFKGSSTVRFTCN <sup>E</sup> TTNVIIHSHK <sup>L</sup> NYTNKGNHRVALRALGDT <sup>P</sup> PAP NIDTTELVERTEYLVVHLQGS <sup>L</sup> VKGHQYEMDSEFQ <sup>G</sup> GELADDLAGFYRSEYMEGG <sup>N</sup> K KVVATTQMQAADARKSFPCFDEPAMKASFNITLIHPN <sup>L</sup> TALSNMLPKDSRTLQED <sup>P</sup> SWNVTEFHPTPKMSTYLLAYIVSEFKYVEAVSPNRVQIRIWARPSAIDEGHGDYALQ VTGPILNFFAQHYNTAYPLEKSDQIALPDFNAGAMENWGLV <sup>T</sup> YRESALVFDPQSSSI SNKERVVTVIAHELAHQWFGNLVTVDDW <sup>N</sup> DLWLNEGFASYVEFLGADYAEPTWNL KDLIVLNDVYRVM <sup>A</sup> VDALASSHPLSSPANEVNTPAQISELFD <sup>S</sup> SITY

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<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Storage</b>	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">Anpep alanyl (membrane) aminopeptidase [ Rattus norvegicus ]</a>
<b>Official Symbol</b>	<a href="#">Anpep</a>
<b>Synonyms</b>	ANPEP; alanyl (membrane) aminopeptidase; aminopeptidase N; aminopeptidase M; kidney Zn peptidase; alanyl aminopeptidase; kidney aminopeptidase M; microsomal aminopeptidase; leucine arylaminopeptidase 1; membrane alanine aminopeptidase; cluster of differentiation antigen 13 (CD13); Apm; Apn; KZP; AP-M; AP-N; Lap1; rAPN;
<b>Gene ID</b>	<a href="#">81641</a>
<b>mRNA Refseq</b>	<a href="#">NM_031012</a>
<b>Protein Refseq</b>	<a href="#">NP_112274</a>

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