

Recombinant Rat Anpep protein, His-SUMO-tagged

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

SPECIFICATION

Product Overview	Recombinant Rat Anpep protein(P15684)(33-476aa), fused to N-terminal His tag and SUMO tag, was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	33-476aa
Form	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.
Molecular Mass	65.8 kDa
AA Sequence	YAQEKNRNAENSAIAPTLPGSTSATTSTTNPAIDESKPWNQYRLPKTLIPDSYQVTLR PYLTPNEQGLYIFKGSSTVRFTCNETTNNVIIIHSKKLNYTNKGNHRVALRALGDTAPAP NIDTTELVERTEYLVVHLQGSLVKGHQYEMDSEFQGELADDLAGFYRSEYMEGGNK KVVATTQMQAADARKSFPCFDEPAMKASFNITLIHPNLTALSNMLPKDSRTLQEDP SWNVTEFHPTPKMSTYLLAYIVSEFKYVEAVSPNRVQIRIWARPSAIDEGHGDYALQ VTGPILNFFAQHYNTAYPLEKSDQIALPDFNAGAMENWGLVTYRESALVFDPQSSSI SNKERVVTVIAHELAHQWFGNLVTVDDWWNDLWLNNEGFASYVEFLGADYAEPTWNL KDLIVLNDVYRVMAYDALASSHPLSSPANEVNTPAQISELFDSITY

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Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	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

Gene Name	Anpep alanyl (membrane) aminopeptidase [Rattus norvegicus]
Official Symbol	Anpep
Synonyms	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;
Gene ID	81641
mRNA Refseq	NM_031012
Protein Refseq	NP_112274

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