

Protease	Positional Specificity	Amino Acid Specificity	Ref
Cathepsin A	Carboxypeptidase	Removes hydrophobic amino acids (e.g. Phe and Leu) from the C-terminus of substrates when additional hydrophobic amino acids are present in P1	⁴
Cathepsin B	Dipeptidyl carboxypeptidase	Removes dipeptides from the C-terminus when either positively charged (Arg, Lys) or hydrophobic amino acids are in the P1 and P2 position	⁵
Cathepsin C	Dipeptidyl aminopeptidase	Removes dipeptides from the N-terminus with broad specificity	¹
Cathepsin D	Endopeptidase	Cleaves between hydrophobic amino acids (e.g. Phe, Leu, Tyr)	⁶