























University				
¶San Diego	TABLE 3.1	The pKa of Amino Acid Side Cl		
	Amino acid	Three-letter abbreviation	One-letter abbreviation	p <i>K</i> a
	Amino			9.30
	Arginine	Arg	R	12.48
	Lysine	Lys	K	10.53
	Tyrosine	Tyr	Y	10.07
	Cysteine	Cys	С	8.18
	Histidine	His	Н	6.00
	Glutamate	Glu	Е	4.25
	Aspartate	Asp	D	3.65
	Carboxyl			2.10























"Peptides"	
Short polymers of amino acids	
Each unit is called a residue	
2 residues - dipeptide	
3 residues - tripeptide	
12-20 residues - oligopeptide	
many - polypeptide	

