

Symbol	Name	Residue Composition	Monoisotopic Residue Mass	Average Residue Mass
Ala A	Alanine	C3H5NO	71.03711	71.0788
Arg R	Arginine	C6H12N4O	156.10111	156.18748
Asn N	Asparagine	C4H6N2O2	114.04293	114.10384
Asp D	Aspartic Acid	C4H5NO3	115.02694	115.0886
Cys C	Cysteine	C3H5NOS	103.00919	103.1448
Glu E	Glutamic Acid	C5H7NO3	129.04259	129.11548
Gln Q	Glutamine	C5H8N2O2	128.05858	128.13072
Gly G	Glycine	C2H3NO	57.02146	57.05192
His H	Histidine	C6H7N3O	137.05891	137.14108
Ile I	Isoleucine	C6H11NO	113.08406	113.15944
Leu L	Leucine	C6H11NO	113.08406	113.15944
Lys K	Lysine	C6H12N2O	128.09496	128.17408
Met M	Methionine	C5H9NOS	131.04049	131.19856
Phe F	Phenylalanine	C9H9NO	147.06841	147.17656
Pro P	Proline	C5H7NO	97.05276	97.11668
Ser S	Serine	C3H5NO2	87.03203	87.0782
Thr T	Threonine	C4H7NO2	101.04768	101.10508
Trp W	Tryptophan	C11H10N2O	186.07931	186.2132
Tyr Y	Tyrosine	C9H9NO2	163.06333	163.17596
Val V	Valine	C5H9NO	99.06841	99.13256