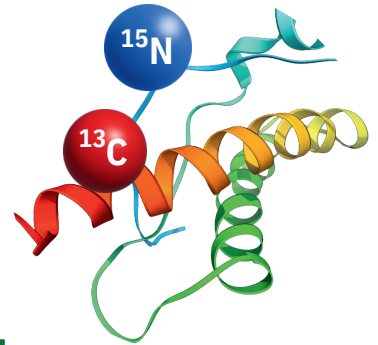


Heavy-labeled Protein as MS Standards

Accurate Quantification of Human Protein Biomarkers

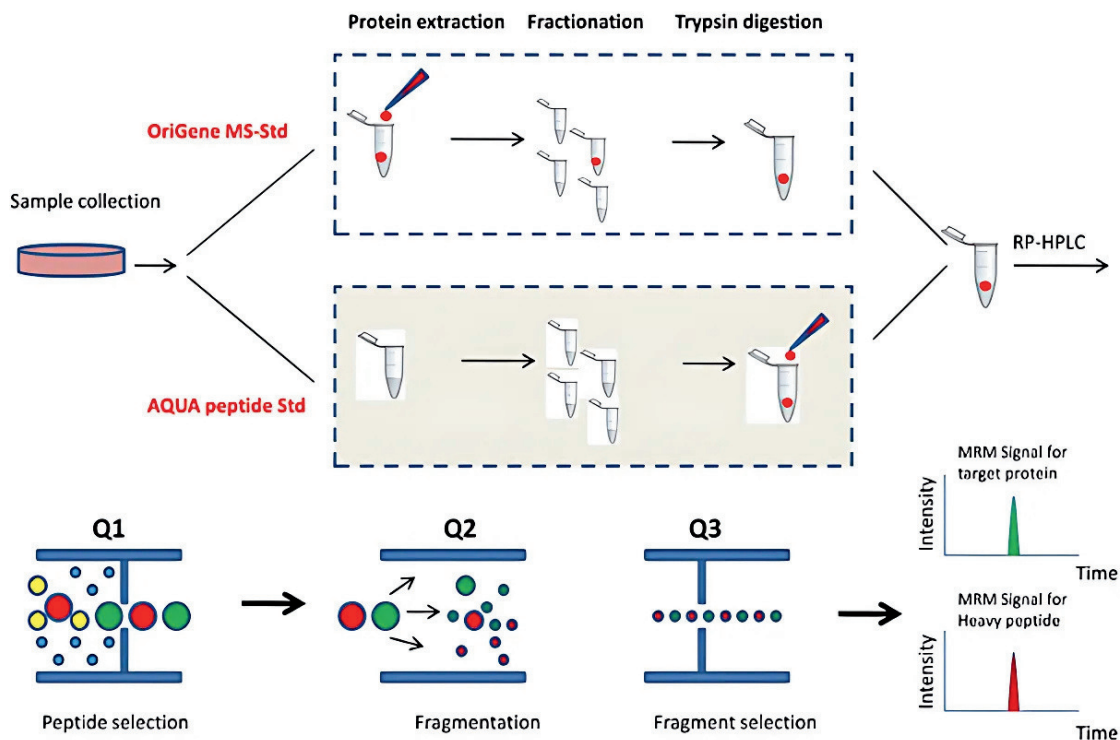
OriGene offers human proteins as MS standards, produced in HEK293T cells and labeled with [U- ^{13}C , ^{15}N]-L-Arginine and [U- ^{13}C , ^{15}N]-L-Lysine.

- ✓ Spike early in sample processing for accurate quantification
- ✓ Identify optimal SRM/MRM transitions experimentally
- ✓ Authentic post-translational modifications from HEK293T cells
- ✓ More consistent than synthetic peptide standards
- ✓ Over 90% incorporation efficiency
- ✓ Compatible with all MS equipment
- ✓ Ideal for protein quantification and biomarker discovery



Heavy Isotope Labeled Full Length Protein Standard

A Better Solution for Quantitative Mass Spectrometry



OriGene and the Institute for Systems Biology have created a PeptideAtlas and SRM/MRM mass spectrometry database for 5,000 human proteins, accelerating quantitative protein biomarker discovery.



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