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|  **S3 Table. Products of rhCPD identified using the tryptic peptide library** |
| **Protein precursor** | **Peptide sequence** | **Cleaved aa** | **Z** | **T** |  **Obs M** |  **Theor M** | **ppm** | **Ratio rhCPD / No enzyme** |
| **100 nM** | **10 nM** | **1 nM** | **0.1 nM** |
| Thyroglobulin | LF | R | 1 | 1 |  278.16 |  278.15 | 30 |  3.63 | 1.75 | 0.88 | 0.88 |
| Bovine serum albumin | AEFVEVT | K | 2 | 1 |  793.40 |  793.39 | 13 | >5.00 | ND | ND | ND |
| Bovine serum albumin | LVNELTEFA | K | 1 | 1 |  1034.54 |  1034.53 | 12 | >5.00 | ND | ND | ND |
| Products, peptides with an increase >120% with one or more concentrations of enzyme; Cleaved aa, the amino acid cleaved by rhCPD to generate the observed peptide; ND, not detectable. See Table 2 for the rest of abbreviation definitions. |