| **Source** | **Peptide name** | **Sequence** | **pI** | **Solu-bility****(water)** | **Vendor name** |
| --- | --- | --- | --- | --- | --- |
| **PKCα** | 1. V5α | 632RGQPVLT638PPDQLVIANIDQSDFEGFS657YVN660 | 3.3 | Poor | Eton-Bioscience |
| 2. V5α-pTM-HM | 632RGQPVLpT638PPDQLVIANIDQSDFEGFS657YVN660 | 3.3 | Poor | Eton-Bioscience |
| 3. V5α-TM-pHM | 632RGQPVLT638PPDQLVIANIDQSDFEGFpS657YVN660 | 3.3 | Poor | Eton-Bioscience |
| 4. pV5α | 632RGQPVLpT638PPDQLVIANIDQSDFEGFpS657YVN660 | 3.3 | Poor | Eton-Bioscience |
| 5. pTMα | 632RGQPVLpT638PPDQ642 | 7.9 | Good | Eton-Bioscience |
| 6. pHMα | 646ANIDQSDFEGFpS657YVN660 | 0 | Poor | Eton-Bioscience |
| **PKCβII** | 7. V5βII | 640LT641PPDQEVIRNIDQSEFEGFS660F661 | 3.3 | Good | Eton-Bioscience |
| 8. pV5βII | 640LpT641PPDQEVIRNIDQSEFEGFpS660F661 | 3.3 | Good | Eton-BioscienceThermo-Fisher Scientific |
| 9. pTMβII | 640LpT641PPDQEVIR649 | 3.9 | Good | Eton-Bioscience |
| 10. pHMβII | 650NIDQSEFEGFpS660F661 | 0 | Good | Eton-Bioscience |
| 11. V5βII-TM-pHM | 640LT641PPDQEVIRNIDQSEFEGFpS660F661 | 3.3 | Good | Eton-Bioscience |
| 12. V5βII-pTM-HM | 640LpT641PPDQEVIRNIDQSEFEGFS660F661 | 3.3 | Good | Thermo-Fisher Scientific |
| 13. Ext-pV5bII | 639VLpT641PPDQEVIRNIDQSEFEGFpS660FVN663 | 3.3 | Good | Thermo-Fisher Scientific |
| 14. Labeled-pTMβII | 640LpT641PPDQEVIR649 (13C,15N-labeled) | 3.9 | Good | Sigma-Aldrich |
| 15. Labeled-pHMβII | 650NIDQSEFEGFpS660F661 (13C,15N-labeled) | 0 | Good | Sigma-Aldrich |
| **α, βII** | 16. SP-1 | LpTPPD | 0 | Good | Eton-Bioscience |
| **βI** | 17. SP-2 | LpTPTD | 0 | Good | Eton-Bioscience |
| **α, variant** | 18. pTMα P640A | 632RGQPVLpT638PADQ642 | 7.9 | Good | Eton-Bioscience |