**x,y values**

|  |  |  |  |
| --- | --- | --- | --- |
|  [NAD+], uM | Km,NAD+ = 2000 uM |  **v'/v** | % Activation |
| y, Fraction of km (NAD+) | x=0.7 | x=0.8 | x=0.9 | 25uM DHP1c | 50uM DHP1c | 75uM DHP1c | 100uM DHP1c |
| 100 | 0.0500 | 1.4000 | 1.2353 | 1.1053 |  |  |  |  |
| 250 | 0.1250 | 1.3636 | 1.2162 | 1.0976 | 106.6 | 99.6 | 102.9 | 104.3 |
| 375 | 0.1875 | 1.3380 | 1.2025 | 1.0920 |  |  |  |  |
| 750 | 0.3750 | 1.2791 | 1.1702 | 1.0784 |  |  |  |  |
| 1500 | 0.7500 | 1.2069 | 1.1290 | 1.0606 |  |  |  |  |
| 2000 | 1.0000 | 1.1764 | 1.1111 | 1.0526 | 89.0 | 105.0 | 106.8 | 111.9 |
| 3000 | 1.5000 | 1.1364 | 1.0870 | 1.0417 |  |  |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| **[FdL2 peptide], uM** | Km,FdL2 peptide = 32 uM |  **v'/v** | % Activation |
| y, Fraction of km (FdL2 pepide) | x=0.7 | x=0.8 | x=0.9 | 25uM DHP1c | 50uM DHP1c | 75uM DHP1c | 100uM DHP1c |
| 10 | 0.3125 | 1.2963 | 1.1798 | 1.0825 |  |  |  |  |
| 50 | 1.5625 | 1.1326 | 1.0847 | 1.0406 | 98.2 | 75.0 | 99.8 | 109.5 |
| 100 | 3.1250 | 1.0784 | 1.0510 | 1.0248 |  |  |  |  |
| 250 | 7.8125 | 1.0352 | 1.0232 | 1.0115 | 89.0 | 105.0 | 106.8 | 111.9 |