

---

---

## NEK2

Product code 05-226

Full-length human NEK2 [1-445(end) amino acids of accession number NP\_002488.1] was expressed as N-terminal His-tagged protein (55 kDa) using baculovirus expression system. His-tagged NEK2 was purified by using Ni-NTA affinity chromatography. Purified His-NEK2 was digested by recombinant His-TEV protease, and His-tag free NEK2 (ca. 54 kDa) was collected as flow-through fraction from Ni-NTA affinity chromatography.

Assay Platform : Mobility Shift Assay

Substrate : CDK7 peptide

ATP (uM)  $K_{m\ app}$  / Bin : 65 / 75

Metal : Mg

Reference compound : Staurosporine

IC<sub>50</sub> at ATP Bin (nM) : 1600

IC<sub>50</sub> at 1mM ATP (nM): >10000

---

---