Transcription factor activated by phosphorylation
Binds to target gene promoters
Gene expression and changes in cellular phenotype

Epinephrine (adrenaline)
-Produced in adrenal gland
-Released during in “flight-or-fight response”
-Binds to β-adrenergic receptor (Transmembrane)
-Epinephrine binding to different cells produces different effects,
  including:
  A) release of glucose from liver (to increase energy available for muscle cells),
  B) increase in heart rate, breathing rate, blood pressure