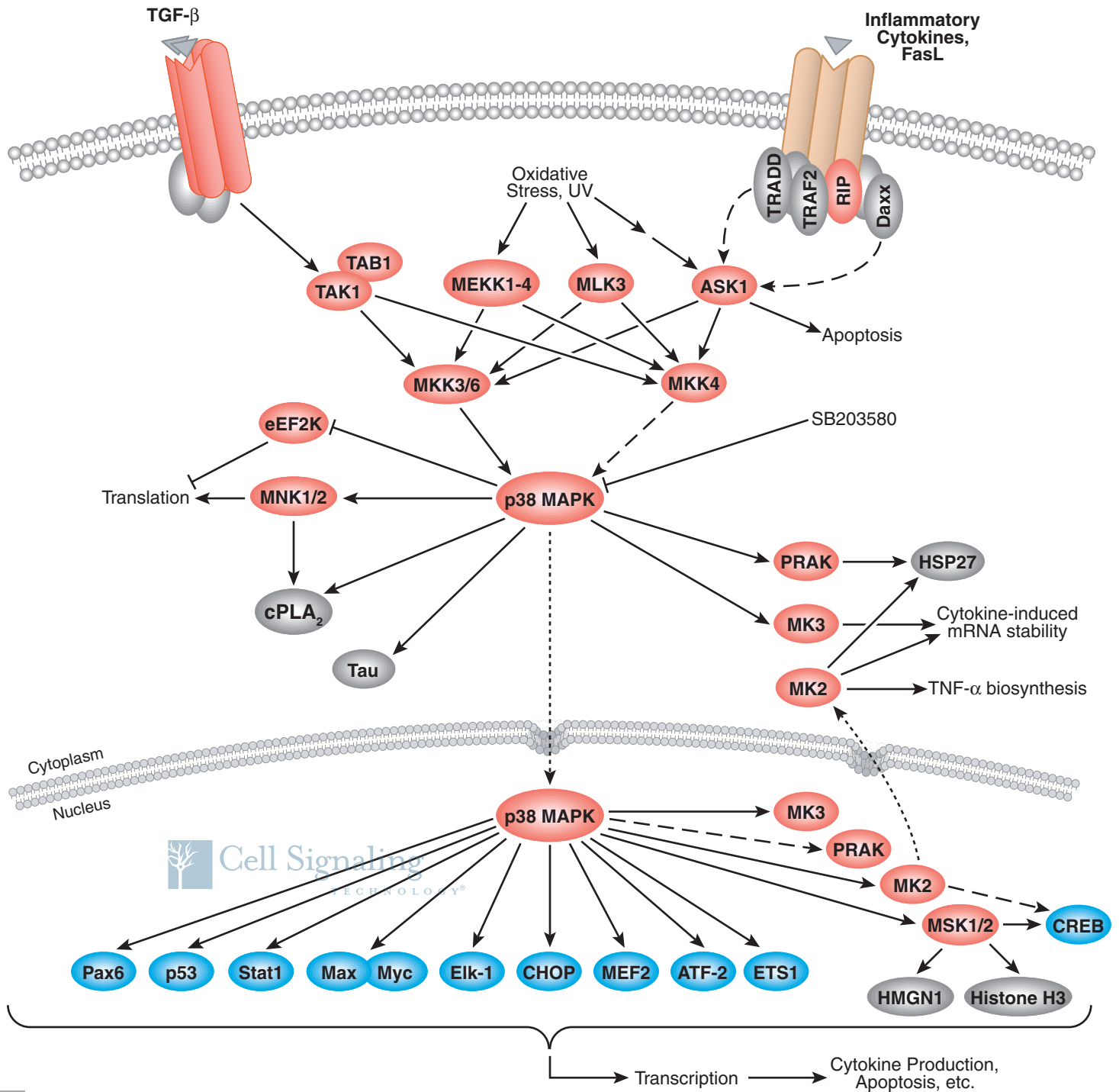


### p38 MAPK Signaling Pathways



**KEY**

- |                      |                                    |   |
|----------------------|------------------------------------|---|
| Kinase               | Direct Stimulatory Modification    | Transcriptional Stimulation                 |
| Phosphatase          | Direct Inhibitory Modification     | Transcriptional Inhibition                  |
| Transcription Factor | Multistep Stimulatory Modification | Translocation                               |
|                      | Multistep Inhibitory Modification  | Separation of Subunits or Cleavage Products |
|                      | Tentative Stimulatory Modification | Joining of Subunits                         |
|                      | Tentative Inhibitory Modification  |   |