



## Recombinant Human TAOK3 / JIK / MAP3K18 Protein (aa 1-411, His & GST tag)

db58389 Package : 10μg 50μg 100μg 1mg

Product Name: Recombinant Human TAOK3 / JIK / MAP3K18 Protein (aa 1-411, His & GST tag)

Cat.No.: db58389

**Synonyms:** DPK;JIK;MAP3K18

Application: Positive Control, Immunogen, SDS-PAGE, WB

Tag: N-His & GST

Expression host: Baculovirus-Insect Cells

Species: Human

**Background** Serine/threonine-protein kinase that acts as a regulator of the p38/MAPK14 stress-activated

MAPK cascade and of the MAPK8/JNK cascade. Acts as an activator of the p38/MAPK14 stress-activated MAPK cascade. In response to DNA damage, involved in the G2/M transition DNA damage checkpoint by activating the p38/MAPK14 stress-activated MAPK cascade, probably by mediating phosphorylation of upstream MAP2K3 and MAP2K6 kinases. Inhibits basal activity of

MAPK8/JNK cascade and diminishes its activation in response epidermal growth factor (EGF).

**Gene ID** 51347

Swiss Prot Q9H2K8

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Molecular Weight 74.3 kDa

**Species** Human

**Purity** >90% as determined by SDS-PAGE.

Seq Met 1-Asp 411

Tag N-His & GST

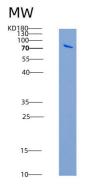
Formulation Freeze-dried powder

Storage Stability Store at 2-8 °C for one month. Aliquot and store at -80 °C for 12 months. Avoid repeated freeze/thaw

cycles.







15% SDS PAGE(reduced) analysis of Recombinant Human TAOK3 / JlK / MAP3K18 Protein (aa 1-411, His & GST tag)