

**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

**Synonyms**

DPK;JIK;MAP3K18

**Application**

Positive Control, Immunogen, SDS-PAGE, WB

**Molecular Weight**

74.3 kDa

**Species**

Human

**Purity**

&gt;90% as determined by SDS-PAGE.

**Seq**

Met 1-Asp 411

**Tag**

N-His &amp; 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.

