

# Recombinant Human TAOK3 protein(Met1-Asp411), His&GST-tagged

**Cat. No.** TAOK3-962H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Human TAOK3 (Q9H2K8-1)(Met 1-Asp 411) was expressed in Insect Cells, fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.
<b>Species</b>	Human
<b>Source</b>	Insect Cells
<b>ProteinLength</b>	1-411 a.a.
<b>Form</b>	Supplied as sterile 20mM Tris, 500mM NaCl, 3mM GSH, pH 7.4, 10% gly
<b>Bio-activity</b>	The specific activity was determined to be 10 nmol/min/mg using synthetic PKCtide peptide (ERM RPRKRQGSVRRRV) as substrate.
<b>Molecular Mass</b>	The recombinant human TAOK3 (aa 1-411)/GST chimera consists of 648 amino acids and has a calculated molecular mass of 74.3 kDa. It migrates as an approximately 85 kDa band in SDS-PAGE under reducing conditions.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method
<b>Purity</b>	> 92 % as determined by SDS-PAGE
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein

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be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

**Gene Name** TAOK3 TAO kinase 3 [ Homo sapiens ]

**Official Symbol** TAOK3

**Synonyms**

TAOK3; TAO kinase 3; serine/threonine-protein kinase TAO3; DPK; JIK; MAP3K18; hKFC-A; STE20-like kinase; JNK/SAPK-inhibitory kinase; jun kinase-inhibitory kinase; kinase from chicken homolog A; CTCL-associated antigen HD-CL-09; dendritic cell-derived protein kinase; thousand and one amino acid protein 3; cutaneous T-cell lymphoma-associated antigen HD-CL-09; FLJ31808; DKFZp666H245;

**Gene ID** 51347

**mRNA Refseq** NM\_016281

**Protein Refseq** NP\_057365

**UniProt ID** Q9H2K8

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