Active Recombinant Human TAOK3 protein, His&GST-tagged

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

SPECIFICATION

Product Overview	Active Recombinant Human TAOK3 protein(Met 1-Asp 411)(Q9H2K8-1) was expressed in Insect Cells, fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.
Species	Human
Source	Insect Cells
ProteinLength	1-411 aa
Form	Supplied as sterile 20mM Tris, 500mM NaCl, 3mM GSH, pH 7.4, 10% gly.
Bio-activity	The specific activity was determined to be 10 nmol/min/mg using synthetic PKCtide peptide (ERMRPRKRQGSVRRRV) as substrate.
Molecular Mass	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.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Purity	> 92 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-

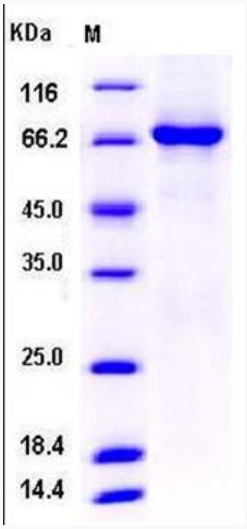
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	thaw cycles.
Concentration	0.1-1.0 mg/ml

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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SDS-PAGE	

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