

Recombinant Human TAOK1 (N-GST tag)

Cat No:HR2R1981

For research use only

Overview

Quantity	10 ?g
Gene Symbol	TAOK1
Gene ID	N/A
Accession	NM_020791
Alternative Name	PSK2, MARKK, MAP3K16, FLJ14314, KIAA1361
Species	Human
Source	Insect cells
Description	TAOK1 is a serine/threonine-protein kinase involved in regulation of the p38-containing stress-responsive MAP kinase pathway and extracellular signal-regulated protein kinase (ERK) kinases (MEKs) . The activation of and binding to MEK3 by TAOK1 implicates TAOK1 in the regulation of the p38-containing stress-responsive MAP kinase pathway. A microtubule affinity-regulating kinase kinase, TAOK1 (also known as MARKK) is an important regulator of mitotic progression, required for both chromosome congression and checkpoint-induced anaphase delay .
Functions	The specific activity of TAOK1 was determined to be 1670 nmol /min/mg as per activity assay protocol.
Formulation	50mM Tris-HCl, pH 7.5, 150mM NaCl, 0.25mM DTT, 0.1mM EGTA, 0.1mM EDTA, 0.1mM PMSF, 25% glycerol.
Solubility	N/A
Appearance	Liquid
Molecular Weight	63
Purity	70% - 90%
Concentration	
Shipping Condition	Dry Ice
Storage Condition	Store product at ?70°C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.