

Recombinant Human TAOK2 (N-GST tag)

Cat No:HR2R1982

For research use only

Overview

Quantity	10 ?g
Gene Symbol	TAOK2
Gene ID	N/A
Accession	NM_004783
Alternative Name	PSK, PSK1, TAO1, TAO2, MAP3K17, KIAA0881
Species	Human
Source	Insect cells
Description	Thousand and one-amino acid protein kinase 2 (TAOK 2) is part of the stress-sensitive kinase cascade and activation of and binding to MKK3 by TAOK2 implicates it in the regulation of the p38-containing stress-responsive MAP kinase pathway . TAOK2 protein kinase activates p38 mitogen-activated protein kinase cascade in vitro and in cells by phosphorylating the MAP/ERK kinases MKK3 and MKK6. TAO2 may play an important role in the activation of specific intracellular signaling pathways that are unique to osmotic stress .
Functions	The specific activity of TAOK2 was determined to be104 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.