

## 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 be 104 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.