

TAOK3 recombinant protein

TAOK3, Active

CATALOG # AAA74071	HOST Sf9 insect cells	APPLICATIONS Western Blot
------------------------------	---------------------------------	-------------------------------------

PRODUCT SYNONYMS

TAOK3; Active; DPK; JIK; MAP3K18; FLJ31808; DKFZp666H245; TAOK3 recombinant protein

PRODUCT SPECIFICATIONS

Host	Sf9 insect cells
Form/Format	Recombinant protein stored in 50mM Tris-HCl, pH7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Applicable Applications for TAOK3 recombinant protein	WB (Western Blot), Kinase Assay
Tag	GST
Species	Human
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Store product at -70 degree 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.

IMAGES



SDS-PAGE

Purity: Sample Purity Data. For specific information on a given lot, see related technical data sheet.



Activity

Specific Activity: Sample Kinase Activity Plot. For specific information on a given lot, see related technical data sheet.

ADDITIONAL INFORMATION

Related Product Information for TAOK3 recombinant protein	Recombinant human TAOK3 (1-463) was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag. The TAOK3 gene accession number is NM_016281. TAOK3 or TAO kinase 3 is a member of the serine/threonine-protein kinase family that inhibits the basal activity of Jun kinase and is negatively regulated by epidermal growth factor (EGF)(1). Overexpression of TAOK3 may activate the ERK1/ERK2 and JNK/SAPK targets. TAOK3 is highly expressed in peripheral blood leukocytes (PBLs), thymus, spleen, kidney, skeletal muscle, heart and liver (2).
Product Categories/Family for TAOK3 recombinant protein	Protein Kinases ; Cancer ; Inflammation ; Invasion/Metastasis ; JNK/SAPK Pathway ; p38 Pathway ; Ser/Thr Kinases
References	1. Tassi E., et al: Human JIK, a novel member of the STE20 kinase family that inhibits JNK and is negatively regulated by epidermal growth factor. J. Biol. Chem. 274:33287-33295(1999). 2. Yustein J.T.et.al: Comparative studies of a new subfamily of human Ste20-like kinases: homodimerization, subcellular localization, and selective activation of MKK3 and p38. Oncogene 22:6129-6141(2003).

NCBI AND UNIPROT INFORMATION

NCBI GenBank Nucleotide #	NM_016281
Molecular Weight	~89kDa

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/taok3-recombinant-protein-sf9-insect-cells-wb-western-blot-kinase-assay/74071>