Recombinant Human TAO Kinase 3

Cat. No. TAOK3-733H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TAOK3, full length, amino acids M1-R898, untagged, was expressed in*Sf9*insect cells. MW = 106,015 Da.
Species	Human
Source	Sf9 Cells
ProteinLength	1-898 a.a.
Description	Serine/threonine-protein kinase TAO3 is an enzyme that in humans is encoded by the TAOK3 gene.
Purification	GST-Affinity Chromatography.
Product Identity	TAOK3 was confirmed as TAOK3 by mass spectroscopy LC-ESI-MS/MS.
Storage Buffer	50 mM HEPES pH 7.5, 100 mM NaCl, 5 mM DTT, 20% glycerol.
Concentration	0.124 μg/μl (Bradford method using BSA [Sigma, cat# A-7638, Lot 79H7641] as standard protein).
Specific Activity	1 pmol/μg×min.
Storage	-80°C. Avoid repeated freeze-thaw cycles!

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Full Length	Full L.

GENE INFORMATION

Gene Name	TAOK3 TAO kinase 3 [Homo sapiens]
Synonyms	TAOK3; TAO kinase 3; DPK; JIK; MAP3K18; FLJ31808; DKFZp666H245; serine/threonine-protein kinase TAO3; 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; EC 2.7.11.1
Gene ID	51347
mRNA Refseq	NM_016281
Protein Refseq	NP_057365
UniProt ID	Q9H2K8
Chromosome Location	12q
Pathway	MAPK signaling pathway
Function	ATP binding; nucleotide binding; protein kinase inhibitor activity; protein serine/threonine kinase activity; transferase activity

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