

Recombinant Human TAOK2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. TAOK2-3053H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	TAOK2 MS Standard C13 and N15-labeled recombinant protein (NP_004774) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a serine/threonine protein kinase that is involved in many different processes, including, cell signaling, microtubule organization and stability, and apoptosis. Alternatively spliced transcript variants encoding different isoforms have been described for this gene.
Molecular Mass	119.1 kDa
AA Sequence	MPAGGRAGSLKDPDVAELFFKDDPEKLFSDLREIGHGSFGAVYFARDVRNSEVVAIK KMSYSGKQSNEKWQDIIKEVRFLQKL RHPNTIQYRGCYLREHTAWLVM EYCLGSAS DLLEVHKKPLQEVEIAAVTHGALQGLAYLHSHNMIHRDVKAGNILLSEPLVKLGDFG SASIMAPANSFVGTPYWMAPEVILAMDEGQYDGKVDVWSLGITCIELAERKPPLFNM NAMSALYHIAQNESPVLQSGHWSEYFRNFVDSCLQKIPQDRPTSEVLLKHRFVLRE RPPTVIMDLIQRTKDAVRELDNLQYRKMKKILFQEAPNGPGA EAP EEEEEEAEPYMHR AGTLTSLESSHSVP SMSISASSQSSSVNSLADASDNEEEEEEEEEEEEEEEGPEARE MAMMQEGEHTVTSHSSIIHRLPGSDNLYDDPYQPEITPSPLQPPAAPAPTSTTSSAR RRAYCRNRDHFATIRTASLVSRQIQEHEQDSALREQLSGYKRMRRQH QKQLLALES

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RLRGEEHSARLQRELEAQRAGFGAEAEKLARRHQAIGEKEARAAQAEERKFQQ
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 YKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	TAOK2 TAO kinase 2 [Homo sapiens (human)]
Official Symbol	TAOK2
Synonyms	TAOK2; TAO kinase 2; serine/threonine-protein kinase TAO2; KIAA0881; MAP3K17; PSK; PSK1; TAO1; TAO2; PSK-1; hKFC-C; kinase from chicken homolog C;

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prostate-derived STE20-like kinase 1; prostate derived STE20-like kinase PSK;
prostate-derived sterile 20-like kinase 1; thousand and one amino acid protein kinase
2; PSK1-BETA;

Gene ID [9344](#)

mRNA Refseq [NM_004783](#)

Protein Refseq [NP_004774](#)

MIM [613199](#)

UniProt ID [Q9UL54](#)

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