

Product datasheet for TP314344L

TAOK2 (NM_004783) Human Recombinant Protein

Product data:

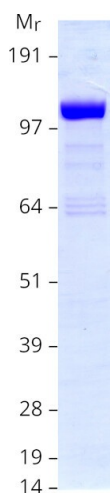
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human TAO kinase 2 (TAOK2), transcript variant 1, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC214344 representing NM_004783 Red=Cloning site Green=Tags(s)
	<p>MPAGGRAGSLKDPDVAELFFKDDPEKLFSDLREIGHGSFGAVYFARDVRNSEVVAIKKMSYSGKQSNEKW QDIIKEVRFLQKLRHPNTIQYRGCYLREHTAWLVMHEYCLGSASDLLEVHKKPLQEVEIAAVTHGALQGLA YLHSHNMIHRDVKAGNILLSEPLVKGDFGSASIMAPANSVFGTPYWMapevILAMDEGQYDGKVDVWS LGITCIELAERKPLFNMNAMSALYHIAQNESPVLQSGHWSEYFRNFVDSCLQKIPQDRPTSEVLLKHRF VLRERPPTVIMDLIQRTKDAVRELDNLQYRKMKKILFQEAPNGPGAEAPEEEEEAEPYMHRAGTLTSLES SHSVPSMSISASSQSSSVNSLADASDNEEEEEEEEEEEEEEGPEAREMAMMQEGEHTVTSHSSIIHRLP GSDNLYDDPYQPEITPSPLQPPAAPAPTSTTSSARRRAYCRNRDHFATIRTASLVSRIQEHEQDSALRE QLSGYKRMRRQHQQKLLALESRLRGEREEHSARLQRELEAQRAGFGAEAEKLARRHQAIGEKEARAAQAE ERKFQQHILGQQKELAALEAQKRTYKLRKEQLKEELQENPSTPKREKAEWLLRQKEQLQQCAEEEEAG LLRRQRQYFELQCRQYKRKMLLARHSLDQDLLREDLNKKQTQKDLECALLLRQHEATRELELRQLQAVQR TRAELTRLQHQTELGNQLEYNKRREQELRQKHAQVRQPKSLKSKELQIKKQFQETCKIQTRQYKALRA HLETTPKAQHKSLLKRLKEEQTRKLAILAEQYDQSISEMLSSQALRLDETQEAEFQALRQQLQQEELELL NAYQSKIKIRTESQHERELRELEQRVALRRALLEQRVEEELLALQTGRSERIRSLERQAREIEAFDAES MRLGFSSMALGGIPAEAAAQGYPPPPAPAWPSRPVPRSGAHWSHGPPPPGMPPPAWRQPSLLAPPGPPN WLGPTQSGTTPRGGALLLLRNSPQPLRRAASGGSGSENVGPPAAAVPGPLSRSTSVASHILNGSSSHFYF</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Predicted MW:	119.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol



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Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_004774</u>
Locus ID:	9344
UniProt ID:	<u>Q9UL54</u>
RefSeq Size:	4625
Cytogenetics:	16p11.2
RefSeq ORF:	3147
Synonyms:	MAP3K17; PSK; PSK1; PSK1-BETA; TAO1; TAO2
Summary:	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. [provided by RefSeq, Oct 2011]
Protein Families:	Druggable Genome, Protein Kinase, Transmembrane
Protein Pathways:	MAPK signaling pathway

Product images:



Coomassie blue staining of purified TAOK2 protein (Cat# [TP314344]). The protein was produced from HEK293T cells transfected with TAOK2 cDNA clone (Cat# [RC214344]) using MegaTran 2.0 (Cat# [TT210002]).