

Product Information

MemDX™ Membrane Protein Human TAOK2 (TAO kinase 2) Full Length

Cat. No.: **MPC3546K**

This product is for research use only and is not intended for diagnostic use.

This product is a made-to-order Human TAOK2 membrane protein expressed in HEK293. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species

Human

Target Protein

TAOK2

Protein Length

Full length

Protein Class

Transferase

TMD

5

Sequence

MPAGGRAGSLKDPDVAELFFKDDPEKLFSDLREIGHGSFGAVYFARDVRN
SEVVAIKKMSYSGKQSNEKWQDIIKEVRFLQKL RHPNTIQYRGCYLREHT
AWLVMEYCLGSASDLLEVHKKPLQEVEIAAVTHGALQGLAYLHSHNMIHR
DVKAGNILLSEPLVKGDFGSASIMAPANSFVGTPYWMapevILAMDEG
QYDgKVDVWSLGITCIELAERKPPLFNMNAMSALYHIAQNESPVLSGHW
SEYFRNFVDSCLQIPQDRPTSEVLLKHRFVLRERPPTVIMDLIQRTKDA
VRELDNLQYRKMKILFQEAPNGPGAEEPEEEEEAEPYMHRAgTLTSLES
SHSVPSMSISASSQSSSVNSLADASDNEEEEEEEEEEEEEEGPEAREMA
MMQEGEHTVTSHSSIIHRLPGSDNLYDDPYQPEITPSPLQPPAAPAPTST
TSSARRRAYCRNRDHFATIRTASLVSRIQEHEQDSALREQLSGYKRMRR
QHqKQLLALESRLRGEREHSARLQRELEAQRAGFGAEAEKLARRHQAIG
EKEARAAQAEERKFQqHILGQqKKELAALLEAQKRTYKLRKEQLKEELQE
NPSTPKREKAEWLLRQKEQLQQCQAEEEAGLLRRQRQYFELQCRQYKRKM
LLARHSLDQDLLREDLNKKQTQKDLECALLLRQHEATRELELRQLQAVQR
TRAELTRLQHqTELGNQLEYNKRREQELRQKHAAQVRQQPKSLKVRAGQR
PPGLPLPIPGALGPPNTGTPIEQQPCSPGQEA VLDQRM LGEEEEAVGERR
ILGKEGATLEPKQQRILGEESGAPSPSPQKHGSLVDEEVWGLPEEIEELR
VPSLV PQERSIVGQEEAGTWSLWGKEDESLLDEEFELGWVQGPALTPVPE
EEEEEEGAPIGT PRDPGDGCPSPDIPPEPPPTHLRPCPASQLPGLLSHG
LLAGLSFAVGSSSGLPLLLLLLLPLLAAGGGGLQAALLALEVGLVGLG
ASYLLLCTALHLPSSFLLLAQGTALGAVLGLSWRRGLMGVPLGLGAAWL
LAWPGLALPLVAMAAGGRWVRQQGPRVRRGISRLWLRVLLRLSPMAFRAL
QCGAVGDRGLFALYPKTNKDGFRSRLPVPGP RRRRNPRTTQHPLALLARV
WVLCKGWNWRLARASQGLASHLPPWAIHTLASWGLLRGERPTRIPRLPR

SQRQLGPPASRQPLPGTLAGRRSRTRQSRALPPWR

Product Description

Expression Systems

HEK293

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements (Detergent, Liposome, Nanodisc, Polymer, VLP)

Form

Liquid

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -72°C or lower. Avoid freeze/thaw cycles.

Target

Target Protein

TAOK2

Full Name

TAO kinase 2

Introduction

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.

Alternative Names

TAOK2; PSK; PSK1; TAO1; TAO2; MAP3K17; PSK1-BETA; serine/threonine-protein kinase TAO2; PSK-1; hKFC-C; kinase from chicken homolog C; prostate derived STE20-like kinase PSK; prostate-derived STE20-like kinase 1; prostate-derived sterile 20-like kinase 1; thousand and one amino acid protein kinase 2; TAO kinase 2

Gene ID

[9344](#)

UniProt ID

[Q9UL54](#)