

Product datasheet for TP309096L

PASK (NM_015148) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Recombinant protein of human PAS domain containing serine/threonine kinase (PASK), 1 mg
Species: Human
Expression Host: HEK293T
Expression cDNA Clone or AA Sequence: >RC209096 protein sequence
Red=Cloning site Green=Tags(s)

MEDGGLTAFEEDQRCLSQSLPLPVSAEGPAAQTAEPSRFSSAHRHLSRRNGLSRLCQSRTALSEDRWS
 SYCLSSLAAQNICTSKLHCPAAPEHTDPSEPRGSVSCSLLRGLSSGWSSPLLPAVPCNPNKAIFTVDAK
 TTEILVANDKACGLLGYSSQDLIGQKLTQFFLRSDSDVVEALSEEHMEADGHAAVVFGTVVDIISRSGEK
 IPVSVWMKRMQRERLCCVWVLEPVERVSTWVAFQSDGTVTSCDSLFAHLHGYSGEDVAGQHITDLIPS
 VQLPPSGQHIPKNLKIQRVGRARDGTTFFPLSLKLSQPSSEEAATTGEAAPVSGYRASVWVFCITISGLIT
 LLPDGTIHGINHSFALTLFGYGKTELLGKNITFLIPGFYSYMDLAYNSSLQLPDLASCLDVGNESGCGER
 TLDPWQGGQDPAEGGQDPRINVVLAGGHVPRDEIRKLMESQDIFTGTQTELIAGGQLLSCLSPQAPAGVD
 NVPEGSLPVHGEQALPKDQQITALGREETVAIESPGQDLLGESRSEPVVDKPFASCEDSEAPVPAEDGGS
 DAGMCGLCQKAQLERMGVSGPSGSDLWAGAAVAKPQAKGQLAGGSLLMHCPYGESEWGLWWRSDLAPSP
 SGMAGLSFGTPTLDEPWLGVENDREELQTCLIKEQLSQLSLAGALDVPHAELVPTTECQAVTAPVSSCDLG
 GRDLCCGGCTGSSSACYALATDLPGGLEAVEAQEVDVNSFVWNLKELFFSDQTDQTSNCSCATSELRETP
 SSLAVGSDPDVGSLEQEGSCVLDDRELLLLTGTCVDLGGQRRFRESCVGHDPTEPLEVCLVSEHYAASD
 RESPGHVPSTLDAGPEDTCPSAEERPRLNVQVTSTPVIVMRGAAGLQREIQEGAYS GCYHRDGLRLSIQF
 EVRRVELQGPTPLFCCWLKDLLHSQRDSAARTRFLASLPGSTHSTAAELTGPSLVEVLRARPWFEEPP
 KAVELEGLAACEGEYSQKYSTMSPGSGAFGFVWTAVDKEKNKEVVKFIKKEKVLDCWIEDPKLGKVT
 LEIAILSREHANIIVLDIFENQGGFFQLVMEKHGSGLDLFAFIDRHPRLDEPLASYIFRQLVSAVGYLR
 LKDIHRDIKDENVIAEDFTIKLIDFGSAAYLERGKLFYTFCTIEYCAPEVLMGNPYRGPPELEMWSLG
 VTLYTLVFEENPFCELEETVEAAIHPPYLVSKEMLSLVSGLLQVPERRTTLEKLVTDPWVTQPVNLDY
 TWEEVFRVKNPESGVLASALEMGNRSLSDVAQAQELCGGPVPGEPNGQGCLHPGDPRLLS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

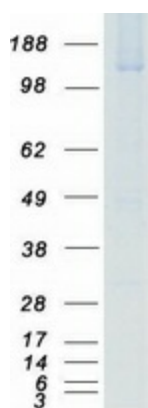
Tag: C-Myc/DDK
Predicted MW: 142.7 kDa
Concentration: >0.05 µg/µL as determined by microplate BCA method



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Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
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:	NP_055963
Locus ID:	23178
UniProt ID:	Q96RG2
RefSeq Size:	4588
Cytogenetics:	2q37.3
RefSeq ORF:	3969
Synonyms:	PASKIN; STK37
Summary:	This gene encodes a member of the serine/threonine kinase family that contains two PAS domains. Expression of this gene is regulated by glucose, and the encoded protein plays a role in the regulation of insulin gene expression. Downregulation of this gene may play a role in type 2 diabetes. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Nov 2011]
Protein Families:	Druggable Genome, Protein Kinase, Stem cell - Pluripotency

Product images:



Coomassie blue staining of purified PASK protein (Cat# [TP309096]). The protein was produced from HEK293T cells transfected with PASK cDNA clone (Cat# [RC209096]) using MegaTran 2.0 (Cat# [TT210002]).