

Product datasheet for TP511789

Phod1 (NM_177699) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse formin homology 2 domain containing 1 (Phod1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR211789 representing NM_177699 Red =Cloning site Green =Tags(s)

MAGEEERGDGDPVSVTVRVQYLEDTPFACANFPEPRRAPTCSLDGALPLSAQIPALHRLLGAPLKLED
 CALQVSPSGYYLDPELSLEEQREMLEGFYEEISKGRKPTLILRTQLSVRVNAILEKLYGSSGPELRRSLF
 SLKQIFQEDKDLVPEFVHSEGLSCLIRVGAAADHNYQSYILRALGQLMLFVDGMLGVVAHSETVQWLYTL
 CASLSRLVVKTALKLLLVEYSENNAPLFIQAVNAVASATGTLPWANLVSILEEKNGADAELLVYTVTL
 INKTLAALPDQDSFYDVTDALEQQGMEALVQRFLGTAGTDVLRQLTLYESALRLEDGDMEEAAAAA
 GGRRERRKPSSEEGKRSRRSLEGGGCPVRAPEPGSTGSASVPGSTPSTGSAPPTNPASSTGPASGLLRT
 SVNLFPTISVGPSVDSSCERSVYKARFLENVAAAETEKQAALAQGRAETLAGATVDDTDGSSGTRELWDS
 PEPASAPRTPQSPVSRILLRTQRSLEPEPKKPVSPSPKAEPIQEPPTCVPKLCIGDLDFSDLGEDEDQD
 TLNVESVEAGKASPFLSSLSPSLSGPPPPPPPPPPITGSCPPPPPPPLPPPATGSCPPPPPPPPPIIG
 SCPPPPPLAAPFTHSALDGPRHPTKRKTVKLFWRELKLTGGPGCSRSRFGPCPTLWASLEPVSDTARLE
 HLFESRAKDVLPTKKAGEGRRTMTVVLDPKRSNAINIGLTTLPVHVVIKAALLNFDFAVSKDGIEKLLT
 MMPTEERQKIEEAQLANPDVPLGPAENFLMTLASIGGLAARLQLWAFKLDYESMERIEAEPFLDLKVG
 EQLVHNATFRCILATLLAVGNFLNGSQSSGFELSYLEKVSEVKDTVRRQSLLYHLCSLVLQTRPDSSDLY
 SEIPALTRCAKVDFEQLTENLGQLECRSQAEDSLRSLAKHELSPALRRLTHFLAQCTRRVAMLRVHR
 RVCNRFHAFLLYLGYPQAARDVRIMQFCHTLREFALEYRTCRRVLQQQKQKATYRERNKTRGRMITET
 EKFSGVAGEAPNNLSVPVAVGSGPGQGDTDNHASMKSLLTSRPEDATHSRRSRGMVQSSSPVSHTAVGP
 S
 AASPEETAASGLPTDTSDEIMDLLVQSVTKSGPRALAARERKRSRGNRSLRRTLKSGLGDDLQALGLS
 KAPGLEV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	129.6 kDa


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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
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 after receiving vials.
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_808367
Locus ID:	234686
UniProt ID:	Q6P9Q4
RefSeq Size:	3951
Cytogenetics:	8 D3
RefSeq ORF:	3591
Synonyms:	BC017144; FHOS; FHOS1
Summary:	Required for the assembly of F-actin structures, such as stress fibers. Depends on the Rho-ROCK cascade for its activity. Contributes to the coordination of microtubules with actin fibers and plays a role in cell elongation. Acts synergistically with ROCK1 to promote SRC-dependent non-apoptotic plasma membrane blebbing (By similarity).[UniProtKB/Swiss-Prot Function]