

Product datasheet for **TP307683M**

FHOD1 (NM_013241) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human formin homology 2 domain containing 1 (FHOD1), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC207683 representing NM_013241 Red =Cloning site Green =Tags(s)

MAGGEDRGDGEPSVWTVRVQYLEDTPFACANFPEPRRAPTCSLDGALPLGAQIPAVHRLLGAPLKLED
CALQVSPSGYYLDTELSLEEQREMLEGFYEEISKGRKPTLILRTQLSVRVNAILEKLYSSSGPELRRSLF
SLKQIFQEDKDLVPEFVHSEGLSCLIRVGAAADHNYQSYILRALGQLMLFVDGMLGVVAHSDTIQWLYTL
CASLSRLVVKTALKLLLVEYSENNAPLFIKAVNSVASTTGAPPWANLVSILEEKNGADPELLVYTVTL
INKTLAALPDQDSFYDVTDALEQQGMEALVQRHLGTAGTDVDLRTQLVLYENALKLEDGDIEEAPGAGGR
RERRKPSSEEGKRSRRSLEGGGCPARAPEPGPTGPASVPGTSSSTGPALLTGASSPVGPPSGLQASVNL
FPTISVAPSADTSSERSIYKARFLENVAAAETEKQVALAQGRAETLAGAMPNEAGGHPDARQLWDSPETA
PAARTPQSPAPCVLLRAQRSLAPEPKEPLIPASPKAEPIWELPTRAPRLSIGDLDFSDLGEDEDQDMLNV
ESVEAGKDIPAPSPPLPLLSGVPPPPPLPPPPPIKGFPPPPPLPLAALPHSVDPSSALPTKRKTVKLF
WRELKLAGGHGVSASRFGPCATLWASLDPVSDTARLEHLFESRAKEVLPSKKAGEGRRTMTTVLDPKRS
NAINIGLTTLPPVHVIAKALLNFDEFVSKDGIEKLLTMMPTEEERQKIEEAQLANPDIPLGAENFLMT
LASIGGLAARLQLWAFKLDYDSMERIEAEPFLDKVGMEQLVQNFATFRCILATLLAVGNFLNGSQSSGFE
LSYLEKVSEVKDTPVRRQSLHHLCSLVLQTRPESSDLYSEIPALTRCAKVDFEQLTENLGLERRSRAAE
ESLRLAKHELAPALRRLTHFLDQCARRVAMLRIVHRRVCNRFHAFLLYLGYPQAAREVRIMQFCHTL
REFALEYRTCERVLQQQKQATYRERNKTRGRMITETEFSGVAGEAPSNPSVPVAVSSGPGRGDADSH
ASMKSLLTSRPEDTTHNRRSRGMVQSSSIMPVGPSTASPEEPPGSSLPDTSDEIMDLLVQSVTKSSP
RALAARERKRSRGNRSLRRTLKSGLDLQALGLSKGPGLEV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

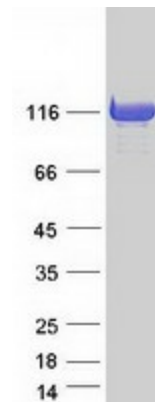
Tag:	C-Myc/DDK
Predicted MW:	126.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol



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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_037373</u>
Locus ID:	29109
UniProt ID:	<u>Q9Y613</u>
RefSeq Size:	3865
Cytogenetics:	16q22.1
RefSeq ORF:	3492
Synonyms:	FHOS
Summary:	This gene encodes a protein which is a member of the formin/diaphanous family of proteins. The gene is ubiquitously expressed but is found in abundance in the spleen. The encoded protein has sequence homology to diaphanous and formin proteins within the Formin Homology (FH)1 and FH2 domains. It also contains a coiled-coil domain, a collagen-like domain, two nuclear localization signals, and several potential PKC and PKA phosphorylation sites. It is a predominantly cytoplasmic protein and is expressed in a variety of human cell lines. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2015]

Product images:



Coomassie blue staining of purified FHOD1 protein (Cat# [TP307683]). The protein was produced from HEK293T cells transfected with FHOD1 cDNA clone (Cat# [RC207683]) using MegaTran 2.0 (Cat# [TT210002]).