

Product datasheet for PH307683

FHOD1 (NM_013241) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	FHOD1 MS Standard C13 and N15-labeled recombinant protein (NP_037373)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC207683
Predicted MW:	126.4 kDa
Protein Sequence:	>RC207683 representing NM_013241 Red =Cloning site Green =Tags(s)

MAGGEDRGDGEPSVVTVRVQYLEDTPFACANFPEPRRAPTCSLDGALPLGAQIPAVHRLLGAPLKLED
 CALQVSPSGYYLDTELSLEEQREMLEGFYEEISKGRKPTLILRTQLSVRVNAILEKLYSSSGPELRRSLF
 SLKQIFQEDKDLVPEFVHSEGLSCLIRVGAAADHNYQSYILRALGQLMLFVDGMLGVVAHSDTIQWLYTL
 CASLSRLVVKTKALLVFVEYSENNAPLFIKAVNSVASTTGAPPWANLVSIIEEKNGADPELLVYTVTL
 INKTLAALPDQSFYDVTDALEQQGMEALVQRHLGTAGTDVLDLRTQLVL YENALKLEDGDIEEAPGAGGR
 RERRKPSSEEGKRSRRSLEGGGCPARAPEPGPTGPASVGPSTSTGPALLTGPASSVGPSSGLQASVNL
 FPTISVAPSADTSSERSIYKARFLENVAAAEKQVALAQGRAETLAGAMPNEAGGHPDARQLWDSPEA
 PAARTQSPAPCVLLRAQRSLAEPKEPLIPASPKAEPWELPTRAPRLSIGDLDFSDLGEDEDQDMLNV
 ESVEAGKDIPAPSPPLPLLSGVPPPPPLPPPPPIKGFPPPPPLPLAAPLPHSVDPSSALPTKRKTVKLF
 WRELKLAGGHGVSASRFGPCATLWASLDPVSVDTARLEHLFESRAKEVLPSSKAGEGRRTMTTVLDPKRS
 NAINIGLTTLPPVHVIKALLNFDEFVSKDIEKLLTMMPTTEERQKIEEAQLANPDIPLGPAENFLMT
 LASIGGLAARLQLWAFKLDYDSMEREIAEPLFDLKVGMQLVQNATFRCILATLLAVGNFLNGSQSSGFE
 LSYLEKVSEVKDTRRQSLHHLCSLVLQTRPESSDLYSEIPALTRCAKVDFEQLTENLGLERRSRAAE
 ESLRSLAKHELAPALRRLTHFLDQCARRVAMLRIVHRRVCNRFHALLYLGYTPQAAREVRIMQFCHTL
 REFALEYRTCRRVRLQQQKQATYRERNKTRGRMITETEFSGVAGEAPSNPSVPVAVSSGPGRGDADSH
 ASMKSLT SRPEDTTHNRRSRGMVQSSSPIMPTVGPSTASPEEPPGSSLPSDTSDEIMDLLVQSVTKSSP
 RALAARERKRSGNRKSLRRTLKSGLGDDLVLQALGLSKGPGLEV

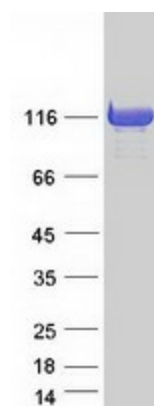
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3


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Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_037373
RefSeq Size:	3865
RefSeq ORF:	3492
Synonyms:	FHOS
Locus ID:	29109
UniProt ID:	Q9Y613
Cytogenetics:	16q22.1
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]).