FICD cDNA Clone – FIC Domain Containing (Human)

PRODUCT OVERVIEW

Product Name	FICD, cDNA Clone
Full Product Name	FICD cDNA Clone
Product Gene Name	FICD cdna clone
Sequence	atggcggtga ctgaaccgaa atgggtctcg gtctggagcc gcttcctctg ggtgacgctg ctgagcatgg tgctggggtc cctgctggcc ctgctgctgc cgctgggggc tgtggaggag cagtgcttgg ctgtgctcaa aggcctctac ctgctcagga gcaaaccgga cagggcgcag catgccgcca ccaagtgcac cagcccgtcc acggagctca gcatcacctc caggggcgcg acgctgctgg tggccaagac caaggcctct ccagcgggta agttggaagc cagagctgcc ctgaaccagg ccctggagat gaagcgccag ggcaagcggg aaaaagccca aaagctcttc atgcacgccc tcaagatgga cccggacttc gtggacgcgc tcaccgagtt tggcatcttc tcggaagaag acaaggacat catccaggcg gactacttgt acaccagagc attgaccatc tcaccctacc atgagaaagc actggtcaac cgcgatcgga cactgcctct tgtggaagag atcgaccaga ggtatttcag catcatcgac agcaaagtga agaaggtcat gtccatcccc aaggggaact cagctctgcg cagggtcatg gaggagacct actaccatca catctaccac acagtggcca tcgagggcaa caccctcacc ctctcggaaa tcaggcacat cctggagacc cgctacgccg tgcccgggaa gagcctggag gagcagaacg aggtcatagg catgcatgca gccatgaagt acatcaacac gactctggtt tcgcgcatcg gctccgtcac catcagcgac gtgctggaga tccacaggcg ggtgctgggc tacgtggacc ccgtggaagc cggcaggttt cggacaacac aggtcctggt cggacaccac atccctcccc atccgcagga tgtggaaaag cagatgcagg agtttgtaca gtggctcaac tccgaggaag ccatgaacct gcacccagtg gagtttgcag ccttagccca ttataaactc gtttacatcc acccttttcat tgatggcaac gggaggacct cccgtctgct catgaacctc atcctcatgc aggcgggcta cccgcccatc accatccgca aggagcagcg gtccgactac taccacgtgt tggaagctgc caacgagggc gacgtgaggc ctttcattcg cttcatcgcc aagtgtactg agaccaccct ggacaccctg ctttttgcca caactgagta ctcggtggca ctgccagaag cccaacccaa ccactctggg ttcaaggaga cgcttcctgt gaagccctaa
Molecular Weight	51,778 Da
Vector	pUC
Clone Sequence Report	Provided with product shipment
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for FICD cdna clone	MBS1273317 is a cDNA clone targeting FICD.
Other Notes	Small volumes of FICD cdna clone vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for FICD. It may not necessarily be applicable to this product.

NCBI GI #	12654988
NCBI GeneID	11153
NCBI Accession #	BC001342
UniProt Secondary Accession #	O75406
UniProt Related Accession #	Q9BVA6
NCBI Official Full Name	Homo sapiens FIC domain containing, mRNA
NCBI Official Synonym Full Names	FIC domain containing
NCBI Official Symbol	FICD
NCBI Official Synonym Symbols	HYPE; HIP13; UNQ3041

UniProt Protein Name	Adenosine monophosphate-protein transferase FICD
UniProt Synonym Protein Names	AMPylator FICD; FIC domain-containing protein; Huntingtin yeast partner E; Huntingtin-interacting protein 13; HIP-13; Huntingtin-interacting protein E
Protein Family	Adenosine monophosphate-protein transferase
UniProt Gene Name	FICD
UniProt Synonym Gene Names	HIP13; HYPE; HIP-13
UniProt Entry Name	FICD_HUMAN
NCBI Protein Information	adenosine monophosphate-protein transferase FICD
UniProt Comments for FICD	FICD: Adenylyltransferase that mediates the addition of adenosine 5'-monophosphate (AMP) to specific residues of target proteins. Able to inactivate Rho GTPases in vitro by adding AMP to RhoA, Rac and Cdc42. It is however unclear whether it inactivates GTPases in vivo and physiological substrates probably remain to be identified. Belongs to the fic family. Protein type: Membrane protein, integral; Adenylyltransferase; EC 2.7.7.n1 Chromosomal Location of Human Ortholog: 12q24.1 Biological Process: protein amino acid adenylylation
Research Articles on FICD	**1.** HYPE is an unfolded protein response regulator.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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