

Recombinant Human FICD Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. FICD-1658H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	FICD MS Standard C13 and N15-labeled recombinant protein (NP_009007) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	51.8 kDa
AA Sequence	MMLIPMASVMAVTEPKWVSVWSRFLWVTLLSMVLGSLALLPLGAVEEQCLAVLK GLYLLRSKPDRAQHAATKCTSPSTELSITSRGATLLVAKTKASPAGKLEARAALNQAL EMKRQGKREKAQKLFMHALKMDPDFVDALTEFGIFSEEDKDIIQADYLYTRALTISPY HEKALVNRDRTLPLVEEIDQRYFSIIDSKVKKVMSIPKGNLSALRRVMEETYYHHIYHT VAIEGNTLTLSAIRHILETRYAVPGKSLEEQNEVIGMHAAMKYINTTLVSRIGSVTISDV LEIHRRVLGYVDPVEAGRFRRTTQVLVGHHPHPQDVEKQMGEFVQWLNSEAMNL HPVEFAALAHYKLVYIHPFIDGNGRTSRLLMNLILMQAGYPPITIRKEQRSYYHVLEA ANEGDVRPFIRFIAKCTETTLDTLLFATTEYSVALPEAQPNHSGFKETLPVKPTRTRP LEQKLISEEDLAANDILDYKDDDDKV

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

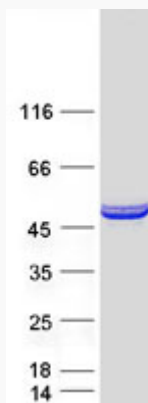
GENE INFORMATION

Gene Name	FICD FIC domain containing [Homo sapiens (human)]
Official Symbol	FICD
Synonyms	FICD; FIC domain containing; adenosine monophosphate-protein transferase FICD; fic S phase protein cell division homolog (E. coli); HIP13; huntingtin interacting protein 13; HYPE; HIP-13; AMPylator FICD; huntingtin yeast partner E; FIC domain-containing protein; huntingtin interactor protein E; Huntingtin interacting protein E; huntingtin-interacting protein E; huntingtin-interacting protein 13; fic S-phase protein cell division homolog; UNQ3041; MGC5623;
Gene ID	11153
mRNA Refseq	NM_007076
Protein Refseq	NP_009007
UniProt ID	Q9BVA6

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SDS-PAGE

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