

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

Cat. No. FLCN-3503H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	FLCN MS Standard C13 and N15-labeled recombinant protein (NP_659434) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene is located within the Smith-Magenis syndrome region on chromosome 17. Mutations in this gene are associated with Birt-Hogg-Dube syndrome, which is characterized by fibrofolliculomas, renal tumors, lung cysts, and pneumothorax. Alternative splicing of this gene results in two transcript variants encoding different isoforms.
Molecular Mass	64.3 kDa
AA Sequence	MNAIVALCHFCELGHPRTLFCTEVLHAPLPQGDGNEDSPGQGEQAE EEEGGIQMNS RMRAHSPAEGASVESSSPGPKKSDMCEGCRSLAAGHPGYISHDKETSIKYVSHQH PSHPQLFSIVRQACVRSLSCEVCPGREGPIFFGDEQHG FVFSHTFFIKDSLARGFQR WYSIITIMMDRIYLINSWPFLLGKVRGIIDELQGKALKVFEAEQFGCPQRAQRMNTAF TPFLHQRNGNAARSLTSLTSDDNLWACLHTSFALLKACGSRLTEKLLGAPTEDTL VQMEKLADLEEESESWDNSEAE EEEKAPVLPESTEGRELTQGPAESSSLSGCGSW QPRKLPVFKSLRHRMRQVLGAPSFRLAWHVLGMGNQVIWKS RDVDLVQSAFEVLRT MLPVGCVRIIPYSSQYEEAYRCNFLGLSPHVQIPPHVLSSEFAVIVEVHAAARSTLHP

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VGCEDDQSLSKYEFVVTSGSPVAADRVGPTILNKIEAALTNQNLSVDVVDQCLVCLK
EEWMNKVKVLFKFTKVDSPKEDTQKLLSILGASEEDNVKLLKFWMTGLSKTYKSHL
MSTVRSPTASESRNTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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 FLCN folliculin [Homo sapiens (human)]

Official Symbol FLCN

Synonyms FLCN; folliculin; BHD; MGC17998; MGC23445; birt-Hogg-Dube syndrome protein; BHD skin lesion fibrofolliculoma protein; FLCL; FLJ45004; FLJ99377; DKFZp547A118;

Gene ID 201163

mRNA Refseq NM_144997

Protein Refseq NP_659434

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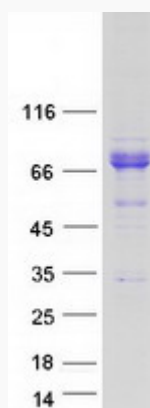
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MIM 607273

UniProt ID Q8NFG4

SDS-PAGE



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