

Product datasheet for PH320396

FLCN (NM_144997) Human Mass Spec Standard

Product data:

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| Product Type: | Mass Spec Standards |
| Description: | FLCN MS Standard C13 and N15-labeled recombinant protein (NP_659434) |
| Species: | Human |
| Expression Host: | HEK293 |
| Expression cDNA Clone or AA Sequence: | RC220396 |
| Predicted MW: | 64.3 kDa |
| Protein Sequence: | >RC220396 representing NM_144997 Red=Cloning site Green=Tags(s) |

MNAIVALCHFCELHGPRTLFCTEVLHAPLPQGDGNE DSPGQGEQAE EEEGGIQMNSRMRAHSPAEGASVE
SSSPGPKKSDMCEGCRSLAAGHPGYISHDKETS IKYVSHQHP SHPQLFSI VRQACVRSL SCEVCPGREGP
IFFGDEQHG FVFSHTFFIKDSLARGFQRWYSIITIMMDRIYLINSWPFLLGKVRGIIDELQ GKALKVFEA
EQFGCPQRAQRMTAFTPFLHQ RNGNAARSLTSLTSDDNLWACLHTSFAWLLKACGSRLTEKLLEGAPTE
DTLVQMEKLADLEEESESWDNSEAE EEEKAPVLP ESTEGREL TQGPAESSLSGCGSWQPRKLPVFKSLR
HMRQVLGAPSRMLAWHVL MGNQVIWKS RDVDLVQSAFEVLR TMLPVGCVRIIPYSSQYEEAYRCN FLGL
SPHVQIPPHVLSSEFAVIVEVHAAARSTLHPVGCEDDQSLSKYEFVVTSGSPVAADRVGPTILNKIEAAL
TNQNL SVDVVDQCLVCLKEEWMNKVKVLFKFTKVDSRPKEDTQKLLSILGASEEDNVKLLKFWM TGLSKT
YKSHLMSTVRSPTASESRN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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| 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 |
| 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_659434 |
| RefSeq Size: | 3717 |
| RefSeq ORF: | 1737 |



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Synonyms: BHD; DENND8B; FLCL

Locus ID: 201163

UniProt ID: [Q8NFG4](#)

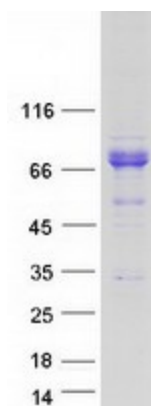
Cytogenetics: 17p11.2

Summary: 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. [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome

Protein Pathways: Renal cell carcinoma

Product images:



Coomassie blue staining of purified FLCN protein (Cat# [TP320396]). The protein was produced from HEK293T cells transfected with FLCN cDNA clone (Cat# [RC220396]) using MegaTran 2.0 (Cat# [TT210002]).