Recombinant Human FLCN Protein, His&SUMO-tagged

Cat. No. FLCN-937H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FLCN Protein (Arg341-Asn579) with His&SUMO tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Arg341-Asn579
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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 40.6 kDa; Accurate Molecular Mass: 41 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for

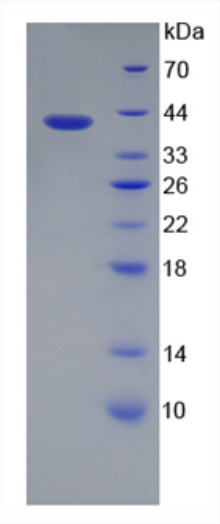
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	48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

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_144606
Protein Refseq	NP_653207
MIM	607273
UniProt ID	Q8NFG4

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