

Recombinant Full Length Human CYLD Protein, C-Flag-tagged

Cat. No. CYLD-943HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human CYLD Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	This gene is encodes a cytoplasmic protein with three cytoskeletal-associated protein-glycine-conserved (CAP-GLY) domains that functions as a deubiquitinating enzyme. Mutations in this gene have been associated with cylindromatosis, multiple familial trichoepithelioma, and Brooke-Spiegler syndrome. Alternate transcriptional splice variants, encoding different isoforms, have been characterized.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	106.9 kDa
AA Sequence	MSSGLWSQEKVTSPYWEERIFYLLQECVTDKQTQKLLKVPKGSIGQYIQDRSVG HSRIPSAKGKKNQI GLKILEQPHAVLFVDEKDVVEINEKFTELLAITNCEERFSLFKN RNRLSKGLQIDVGCPVKVQLRSCEE KFPGVVFRFRGPLLAERTVSGIFFGVELLEEG RGQGFTDGVYQGKQLFQCDEDCGVFVALDKLELIEDDDT ALESDYAGPGDTMQVE LPPLEINSRVSLKVGETIESGTVIFCDVLPGKESLG YFVGVDMDNPIGNWDGRF DGV QLCSFACVESTILLHINDIIPESVTQERRPPKLA FMSRGGVGDKGSSSHNPKATGSTS DPGNRNRSE LFYTLNGSSVDSQPQSKSKNTWYIDEVAEDPAKSLTEISTDFDRSSP PLQPPPVNLSLTENRFHSLPFSL TKMPNTNGSIGHSPLSLSAQSVMEELNTAPVQE

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SPPLAMPPGNSHGLEVGSLAEVKENPPFYGVIRWIGQ PPGLNEVLAGLELEDECAG
 CTDGTFRGTRYFTCALKKALFVKLKSCRPDSPFASLQPVSNQIERCNSLAF GGYLS
 EVVEENTPPKMEKEGLEIMIGKKKGIQGHYNSCYLDSTLFCLFAFSSVLDTVLLRPKE
 KNDVEYY SETQELLRTEIVNPLRIYGYVCATKIMKLRKILEKVEAASGFTSEEKDPEE
 FLNILFHHILRVEPLLKIR SAGQKVQDCYFYQIFMEKNEKVGVPPTIQQLLEWSFINSNL
 KFAEAPSCLIQMFRFGKDFKLFKKIFPSL ELNITDLLEDTPRQCRICGGLAMYECRE
 CYDDPDISAGKIKQFCKTCNTQVHLHPKRLNHKYNPVSLPKD LPDWDWRHGCIPC
 QNMELFAVLCIETSHYVAFVKYKDDSAWLFFDSMADRDGGQNGFNIPQVTPCPEV
 G
 EYLKMSLEDLHSLDSRRIQGCARRLLCDAYMCMYQSPTMSLYKTRTRPLEQKLISEE
 DLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome
Protein Pathways	RIG-I-like receptor signaling pathway
Full Length	Full L.

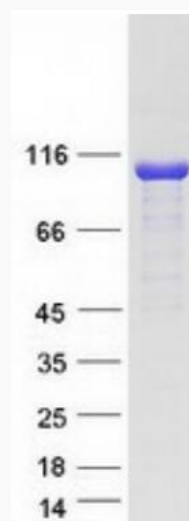
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GENE INFORMATION

Gene Name	CYLD CYLD lysine 63 deubiquitinase [Homo sapiens (human)]
Official Symbol	CYLD
Synonyms	EAC; MFT; SBS; TEM; BRSS; CDMT; MFT1; CYLD1; CYLDI; USPL2; FTDALS8
Gene ID	1540
mRNA Refseq	NM_001042355.2
Protein Refseq	NP_001035814.1
MIM	605018
UniProt ID	Q9NQC7



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Coomassie blue staining of purified CYLD protein.

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