

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

Cat. No. CYLD-656H **Lot. No.** (See product label)

SPECIFICATION

Product Overview

CYLD MS Standard C13 and N15-labeled recombinant protein (NP_001035814) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.

Species

Human

Source

HEK293

Description

This gene 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.

Molecular Mass

107 kDa

AA Sequence

MSSGLWSQEKVTSFYWEERIFYLLLQECVTDKQTQKLLKVPKGSIGQYIQDRSVG
 HSRIPSAKGKKNQIGLKILEQPHAVLFVDEKDVVEINEKFTELLAITNCEERFSLFKN
 RNRLSKGLQIDVGCPVKVQLRSGEEKFPGVVRFRGPLLAERTVSGIFFGVELLEGR
 GQGFTDGVYQGKQLFQCDEDCGVFVALDKLELIEDDDTALESYAGPGDTMQVEL
 PPLEINSRVSLKVGETIESGTVIFCDVLPKESLGYFVGVDMDNPIGNWDGRFDGVQ
 LCSFACVESTILLHINDIIPESVTQERRPPKLAFFMSRGGVGDGKSSSHNKPKATGSTSD
 PGNRRNRSFYTLNGSSVDSQPQSKSKNTWYIDEVAEDPAKSLTEISTDFDRSSPPL
 QPPPVNSLTENRFHSLPFLTKMPNTNGSIGHSPLSLSAQSVMEELNTAPVQESPP

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LAMPPGNSHGLEVGS LAEVKENPPFYGVIRWIGQPPGLNEVLAGLELEDECAGCTD
 GTFRGTRYFTCALKKALFVCLKSCRPD SRFASLQPVS NQIERCNSLAFGGYLSEVVE
 ENT PPKMEKEGLEIMIGKKKGIQGHYN SCYLDSTLFC LFAFSSVLDTVLLRPKEKNDV
 EYYSETQELLRTEIVNPLRIYGYVCATKIMKLRKILEKVEAASGFTSEEKDPEEFLNILF
 HHILRVEPLLKIRSAGQKVQDCYFYQIFMEKNEKVGVP TIQQLLEWSFINSNLKFAEA
 PSCLIIQM PRFGKDFKLFKIFPSLELNITD LLEDTPRQCRICGGLAMYECRECYDDP
 DISAGKIKQFCKTCNTQVHLHPKRLNHKYNPVS LPKDLPDWDWRHGCIPCQNMELF
 AVLCIETSHYVAFVKY GKDDSAWLFFDSMADR DGGQNGFNIPQVTPCPEVGEYLKM
 SLEDLHSLDSRRIQGCARRLLC DAYMCMYQSPTMSLYKTRTRPLEQKLISEEDLAAN
 DILDYKDDDDKV

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 CYLD CYLD lysine 63 deubiquitinase [Homo sapiens (human)]

Official Symbol CYLD

Synonyms CYLD; cylindromatosis (turban tumor syndrome); CYLD1; ubiquitin carboxyl-terminal hydrolase CYLD; KIAA0849; ubiquitin specific peptidase like 2; USPL2; ubiquitin thioesterase CYLD; deubiquitinating enzyme CYLD; ubiquitin thiolesterase CYLD;

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ubiquitin-specific-processing protease CYLD; probable ubiquitin carboxyl-terminal hydrolase CYLD; EAC; MFT; SBS; TEM; BRSS; CDMT; MFT1; CYLDI; HSPC057; FLJ20180; FLJ31664; FLJ78684;

Gene ID 1540

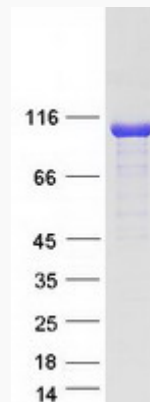
mRNA Refseq NM_001042355

Protein Refseq NP_001035814

MIM 605018

UniProt ID Q9NQC7

SDS-PAGE



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