

Active Recombinant Human CYLD Protein, His-tagged

Cat. No. CYLD-23H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human CYLD isoform 1 protein Protein contains an N-terminal 6-His tag was expressed in Spodoptera frugiperda, Sf 21.
Species	Human
Source	Insect 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.
Bio-activity	Recombinant Human His6-CYLD Isoform 1 is a Ubiquitin-specific deconjugating enzyme. Reaction conditions will need to be optimized for each specific application. We recommend an initial Recombinant Human His6-CYLD Isoform 1 concentration of 50-500 nM.
Molecular Mass	108 kDa
Purity	>90%, by SDS-PAGE under reducing conditions and visualized by Colloidal Coomassie® Blue stain.
Storage	Avoid repeated freeze-thaw cycles. 12 months from date of receipt, -70 centigrade as supplied. 3 months, -70 centigrade

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under sterile conditions after opening.

Storage Buffer X mg/ml (X µM) in 50 mM HEPES pH 8.0, 200 mM NaCl, 2 mM DTT

Shipping The product is shipped with dry ice or equivalent.

GENE INFORMATION

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

Official Symbol CYLD

Synonyms

CYLD; CYLD lysine 63 deubiquitinase; EAC; MFT; SBS; TEM; BRSS; CDMT; MFT1; CYLD1; CYLDI; USPL2; ubiquitin carboxyl-terminal hydrolase CYLD; cylindromatosis (turban tumor syndrome); deubiquitinating enzyme CYLD; probable ubiquitin carboxyl-terminal hydrolase CYLD; ubiquitin specific peptidase like 2; ubiquitin thioesterase CYLD; ubiquitin thiolesterase CYLD; ubiquitin-specific-processing protease CYLD; EC 3.4.19.12

Gene ID 1540

mRNA Refseq NM_015247

Protein Refseq NP_056062

MIM 605018

UniProt ID Q9NQC7

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