

## Recombinant Human CYLD Protein, His-tagged

**Cat. No.** CYLD-668H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human CYLD(Glu170~Gly338) fused with His tag at N-terminal was expressed in E. coli.                                                                                                                                                                                                                                                                                                             |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>ProteinLength</b>    | Glu170~Gly338                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Description</b>      | 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. |
| <b>Form</b>             | PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.                                                                                                                                                                                                                                                                                                                                      |
| <b>Molecular Mass</b>   | 21.8kDa                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Endotoxin</b>        | <1.0EU per 1ug (determined by the LAL method)                                                                                                                                                                                                                                                                                                                                                                |
| <b>Purity</b>           | > 95%                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Applications</b>     | Positive Control; Immunogen; SDS-PAGE; WB.<br>If bio-activity of the protein is needed, please check active protein                                                                                                                                                                                                                                                                                          |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Stability</b>      | 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 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |
| <b>Storage</b>        | Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.                                                                                                                                                                                                                 |
| <b>Reconstitution</b> | Reconstitute in PBS or others                                                                                                                                                                                                                                                                                                                |

## GENE INFORMATION

|                        |                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | CYLD cylindromatosis (turban tumor syndrome) [ Homo sapiens ]                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Official Symbol</b> | CYLD                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Synonyms</b>        | 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; ubiquitin-specific-processing protease CYLD; probable ubiquitin carboxyl-terminal hydrolase CYLD; EAC; MFT; SBS; TEM; BRSS; CDMT; MFT1; CYLDI; HSPC057; FLJ20180; FLJ31664; FLJ78684; |
| <b>Gene ID</b>         | 1540                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>mRNA Refseq</b>     | NM_001042355                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Protein Refseq</b>  | NP_001035814                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>MIM</b>             | 605018                                                                                                                                                                                                                                                                                                                                                                                                                                 |

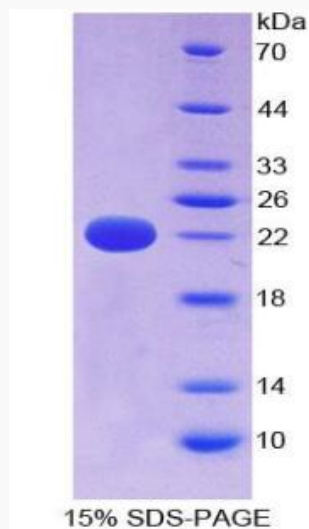
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UniProt ID

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