

CYLD recombinant protein

CYLD, Active

CATALOG # AAA73367	HOST Sf9 insect cells	APPLICATIONS Western Blot
------------------------------	---------------------------------	-------------------------------------

PRODUCT SYNONYMS

CYLD; Active; EAC; MFT; SBS; TEM; BRSS; CDMT; MFT1; CYLD1; CYLDI; USPL2; CYLD recombinant protein

PRODUCT SPECIFICATIONS

Host	Sf9 insect cells
Purity/Purification	~80%
Form/Format	Recombinant protein stored in 50mM Tris-HCl, pH7.5, 150mM NaCl, 10mM glutathione, 0.25mM DTT, 0.1mM EDTA, 0.1mM PMSF, 25% glycerol.
Concentration	0.05ug/ul (varies by lot)
Applicable Applications for CYLD recombinant protein	WB (Western Blot), Kinase Assay
Tag	GST
Species	Human
Specific Activity	1 nmol/min.mg
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Store product at -70 degree C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.

IMAGES



SDS-PAGE

Purity: Sample Purity Data. For specific information on a given lot, see related technical data sheet.



Activity

Specific Activity: Sample Activity Plot. For specific information on a given lot, see related technical data sheet.

ADDITIONAL INFORMATION

Related Product Information for CYLD recombinant protein	Recombinant human CYLD (1-956) was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag. The gene accession number is NM_015247. CYLD is a cytoplasmic deubiquitinating enzyme, which removes ubiquitin molecules from various signaling proteins, and regulates the activities of many cellular and signaling processes. It plays a role in the regulation of inflammation, immunity, cell cycle progression, spermatogenesis, osteoclastogenesis, ciliogenesis, migration and tumorigenesis. (1) Several signaling pathways, such as the Nuclear Factor-kB (NF-kB), Wnt/beta-catenin and c-Jun N-terminal kinase (JNK) pathways, and potentially others have been linked with or regulated by CYLD. (2) Mutations in CYLD gene have been associated with cylindromatosis, multiple familial trichoepithelioma, and Brooke-Spiegler syndrome. (3)
--	--

Product Categories/Family for CYLD recombinant protein	DUBs; Cancer; Cell Cycle; Cellular Stress; Inflammation; JNK/SAPK Pathway; WNT Signaling
References	1. Bignell G.R. et al. Identification of the familial cylindromatosis tumour-suppressor gene. Nat Genet. 25(2):160-165, 2000. 2. Verhoeft, K.R. et al The cylindromatosis (CYLD) gene and head and neck tumorigenesis. Cancers Head Neck. 1: 10, 2016. 3. EntreZ Gene: CYLD cylindromatosis (turban tumor syndrome)

NCBI AND UNIPROT INFORMATION

NCBI GenBank Nucleotide #	NM_015247
Molecular Weight	135kDa

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/cyld-recombinant-protein-sf9-insect-cells-wb-western-blot-kinase-assay/73367>