

Product datasheet for TP511292

Cyld (NM_001128171) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse CYLD lysine 63 deubiquitinase (Cyld), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR211292 protein sequence Red =Cloning site Green =Tags(s)

MSSGLWSQEKVTSPLYWEERIFYLLQECVTDKQTQKLLKVPKGSIGQYIQDRSVGHSRVPSTKGKKNQI
GLKILEQPHAVLFDKDVVEINEKFTPELLAITNCEERLSLFRNRLRLSKGLQVDVGVSPVKVQLRSGEE
KFPGVVFRFRGPLLAERTVSGIFFGVELLEGRGQGFTDGVYQKQLFQCEDECGVFVALDKLELIEDDDN
GLESDFAGPGDTMQVEPPPLEINSRVSLKVGESTESGTVIFCDVLPKESLGYFVGVMDNPIGNWDGRF
DGVQLCSFASVESTILLHINDIIPDSVTQERRPPKLAFMVRGVDKGSSSHNPVKVTGSTSDPGSRNRSE
LFYTLNGSSVDSQQSKSKNPWYIDEVAEDPAKSLTEMSSDFGHSSPPPQPPSMNSLSENRFHSLPFSLT
KMPNTNGSMAHSPLSVQSVMGELNSTPVQESPLPISSGNAHGLEVGS LAEVKENPPFYGVIRWIGQP
PGLSDVLAGLELEDECAGCTDGTFRGTRYFTCALKKALFVKLKSCRPDSPFASLQPVSNQIERCNSLAFG
GYLSEVVEENTPPKMEKEGLEIMIGKKKGIQGHYNSCYLDSTLFLCLFAFSSALDTVLLRPKEKNDIEYYS
ETQELLRTEIVNPLRIYGYVCATKIMKLRKILEKVEAASGFTSEEKDPPEEFLNLFHDILRVEPLLKIRS
AGQKVQDCNFYQIFMEKNEKVGVPVTIQQLLEWSFINSNLKFAEAPSCLIIQMPRFGKDFLKKIFPSLE
LNITDLEDTPRQCRICGGLAMYECRECYDDPDISAGKIKQFCKTCSTQVHLHPRRLNHSYHPVSLPKDL
PDWDWRHGCIPCQKMEFLAVLCIETSHYVAFVKYKDDSAWLFDDSMADRDGGQNGFNIPQVTPCPEVGE
YLKMSLEDLHSLDSRRIQGCARRLLCDAYMCMYQSPTMSLYK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	106.6 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol



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Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_001121643
Locus ID:	74256
UniProt ID:	Q80TQ2
RefSeq Size:	8148
Cytogenetics:	8 C3
RefSeq ORF:	2859
Synonyms:	2010013M14Rik; 2900009M21Rik; C130039D01Rik; CDMT; CYLD1; EAC; mKIAA0849
Summary:	<p>This gene encodes a protein that is a member of the ubiquitin C-terminal hydrolase subfamily of the deubiquitinating enzyme family. Members of this family catalyze the removal of ubiquitin from a substrate or another ubiquitin molecule and thereby play important roles in regulating signaling pathways, recycling ubiquitin and regulating protein stability. This protein removes ubiquitin from K-63-linked ubiquitin chains from proteins involved in NF-kappaB signaling and thus acts as a negative regulator of this pathway. In humans mutations in this gene have been associated with cylindromatosis, an autosomal dominant predisposition to tumors of skin appendages. In mouse deficiency of this gene impairs thymocyte development and increases susceptibility to skin and colon tumors. A pseudogene of this gene has been identified on chromosome 1. Alternative splicing results in multiple transcript variants that encode different protein isoforms. [provided by RefSeq, Jan 2013]</p>