

Recombinant Human OTUD5 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. OTUD5-4022H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	OTUD5 MS Standard C13 and N15-labeled recombinant protein (NP_060072) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a member of the OTU (ovarian tumor) domain-containing cysteine protease superfamily. The OTU domain confers deubiquitinase activity and the encoded protein has been shown to suppress the type I interferon-dependent innate immune response by cleaving the polyubiquitin chain from an essential type I interferon adaptor protein. Cleavage results in disassociation of the adaptor protein from a downstream signaling complex and disruption of the type I interferon signaling cascade. Alternatively spliced transcript variants encoding different isoforms have been described.
Molecular Mass	60.4 kDa
AA Sequence	MTILPKKKPPPPDADPANEP PPPGPMPPAPRRGGGVGVGGGGTGVGGGDRDRDS GVVGARPRASPP PQGPLPGPPGALHRWALAVPPGAVAGPRPQQASPPPCGGPGG PGGGPGDALGAAAAGVGAAGVVVGAVGVGGCCSGPGH SKRRRQAPGVGAV GGGSPEREEVGAGYNSEDEY EAAAAARIEAMDPATVEQQEHWF EKALRDKKGFIIKQ MKEDGACLFRAVADQVYGDQDMHEVVRKHCM DYLMKNADYFSNYVTEDFTTYINR

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

KRKNNCHGNHIEMQAMAEMYNRPVEVYQYSTGTSAVEPINTFHGIHQNEDEPIRVS
YHRNIHYNVSVNPNKATIGVGLGPSFKPGFAEQSLMKNAIKTSEESWIEQQMLEDK
KRATDWEATNEAIEEQVARESILQWLRDQEKQARQVRGPSQPRKASATCSSATAA
ASSGLEEWTSRSPRQRSSASSPEHPELHAELGMKPPSPGTVLALAKPPSPCAPGTS
SQFSAGADRATSPLVSLYPALECRALIQQMSPSAFGLNDWDDDEILASVLAVSQQEY
LDSMKKNKVHRDPPDPKSTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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 OTUD5 OTU deubiquitinase 5 [Homo sapiens (human)]

Official Symbol OTUD5

Synonyms OTUD5; OTU deubiquitinase 5; DUBA; OTU domain-containing protein 5; OTU domain containing 5; deubiquinating enzyme A; deubiquitinating enzyme A; EC 3.4.19.12

Gene ID 55593

mRNA Refseq NM_017602

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

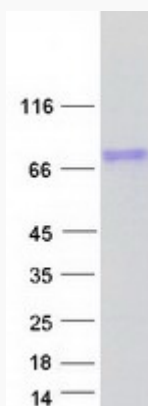
 45-1 Ramsey Road, Shirley, NY 11967, USA

Protein Refseq NP_060072

MIM 300713

UniProt ID Q96G74

SDS-PAGE



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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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