

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 GGGSPEREEVGAGYNSEDEYEAAAARIEAMDPATVEQQEHWF EKALRDKKGFIIKQ MKEDGACLFRAVADQVYGDQDMHEVV RKHCMDYLMKNADYFSNYVTEDFTTYINR

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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

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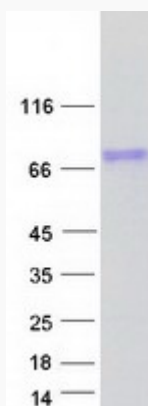
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Protein Refseq NP_060072

MIM 300713

UniProt ID Q96G74

SDS-PAGE



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